

Flood Management Evaluation (FME)

LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2

Title **City of Ector Property Buyout**

ID# **021000054**

Sponsor (name of entity, not person) **City of Ector**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Study Details

Study type **Other**

Study description **Acquire flood-prone properties for use as park areas.**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Fannin** Watershed HUC# (if known) **111401010402**

Drainage area (Square miles, est.) **1** Goal(s) **02005001, 02005002**

100-Year Flood Risk Summary

Population at risk **13** # of structures **15** Critical facilities **0**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

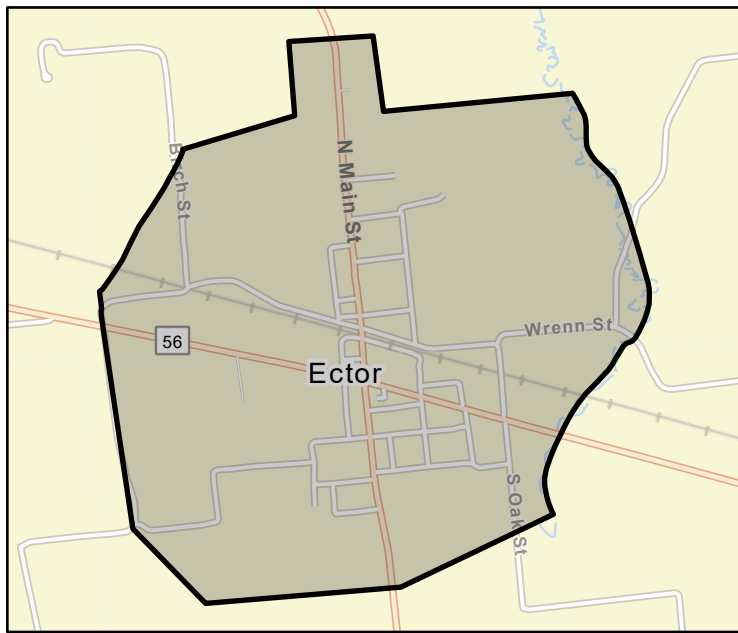
Farm/Ranch land impacted (acres) **2** Roadway(s) impacted (length) **1**

Number of low water crossings **0** Historical road closures **-**

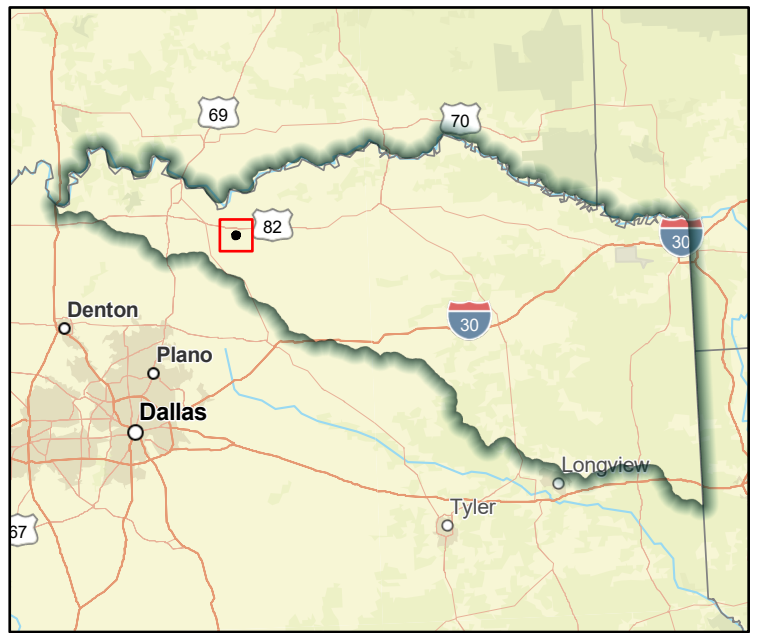
Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Anderson Creek WWTP Flood Study**

ID# **021000026**

Sponsor (name of entity, not person) **City of De Kalb**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Study Details

Study type **Project Planning**

Study description **WWTP was impacted by flooding from Anderson Creek. Study to evaluate whether existing berm meets 100-year protection and to evaluate the needs for sump pumps and lift station.**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **No**

County **Bowie** Watershed HUC# (if known) **111401060503,111403020403,111403020501**

Drainage area (Square miles, est.) **6** Goal(s) **02006003, 02006004**

100-Year Flood Risk Summary

Population at risk **12** # of structures **10** Critical facilities **1**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

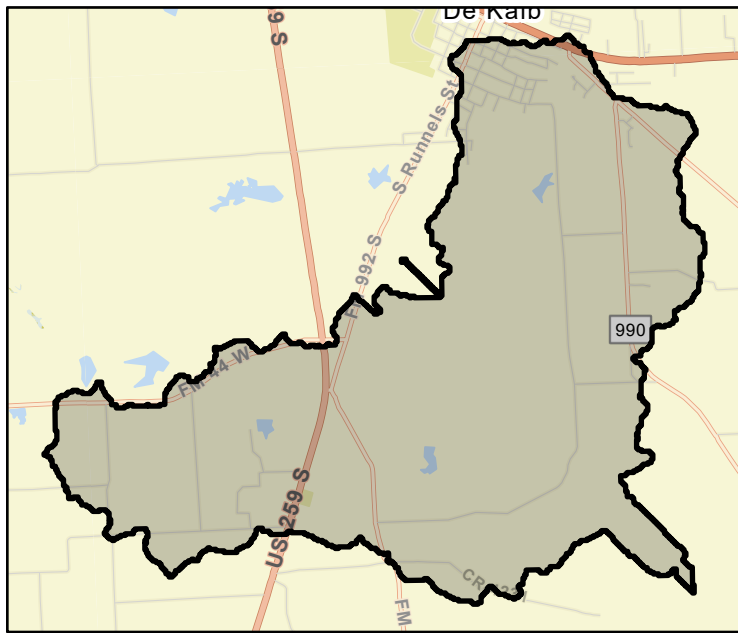
Farm/Ranch land impacted (acres) **80** Roadway(s) impacted (length) **2**

Number of low water crossings **0** Historical road closures **-99,999**

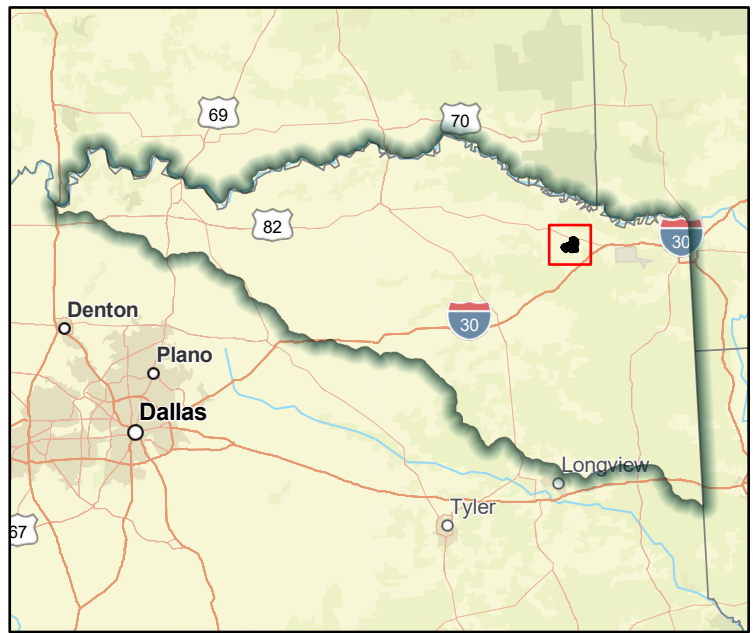
Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

LOWER RED-SULPHUR-CYPRESS
REGIONAL FLOOD
PLANNING GROUP
REGION 2

Title **Bowie County FIS**

ID# **021000018**

Sponsor (name of entity, not person) **Bowie County, City of De Kalb**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

Study Details

Study type **Watershed Planning**

Study description **Update County maps to Zone AE**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Bowie** Watershed HUC# (if known)

Drainage area (Square miles, est.) **920** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **6,678** # of structures **2,657** Critical facilities **19**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

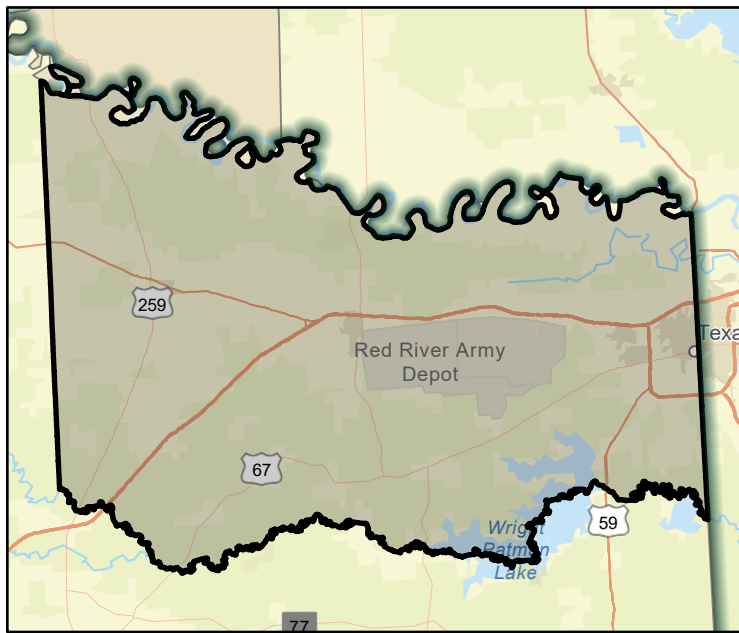
Farm/Ranch land impacted (acres) **30,919** Roadway(s) impacted (length) **314**

Number of low water crossings **7** Historical road closures **-**

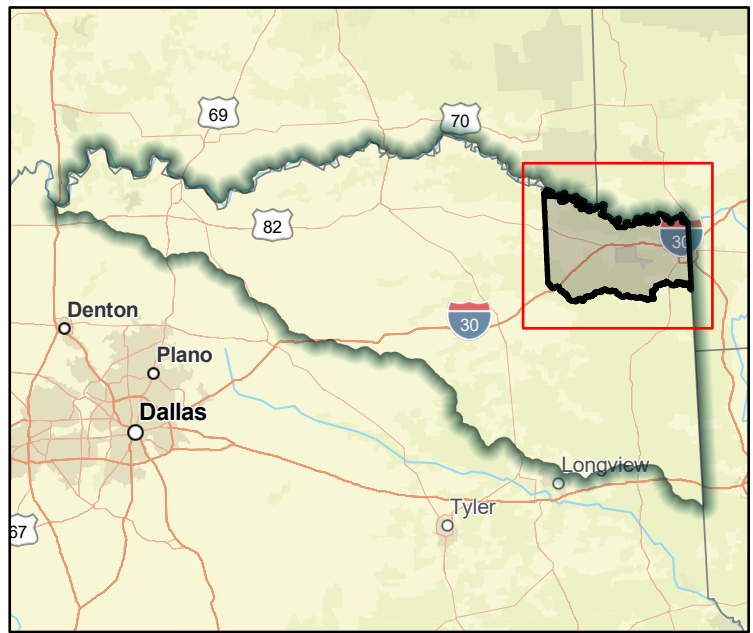
Estimated Cost and Funding Availability

Total Cost **\$2,282,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Camp County FIS**

ID# **021000011**

Sponsor (name of entity, not person) **Camp County**

RFPG recommend? **Yes** Reason for Recommendation **Increases Mapping Coverage**

Study Details

Study type **Watershed Planning**

Study description **Develop FIS for the County**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **No**

County **Camp** Watershed HUC# (if known) **111403050203,111403050201,111403050310,111403050302,111403050**

Drainage area (Square miles, est.) **203** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **429** # of structures **256** Critical facilities **4**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

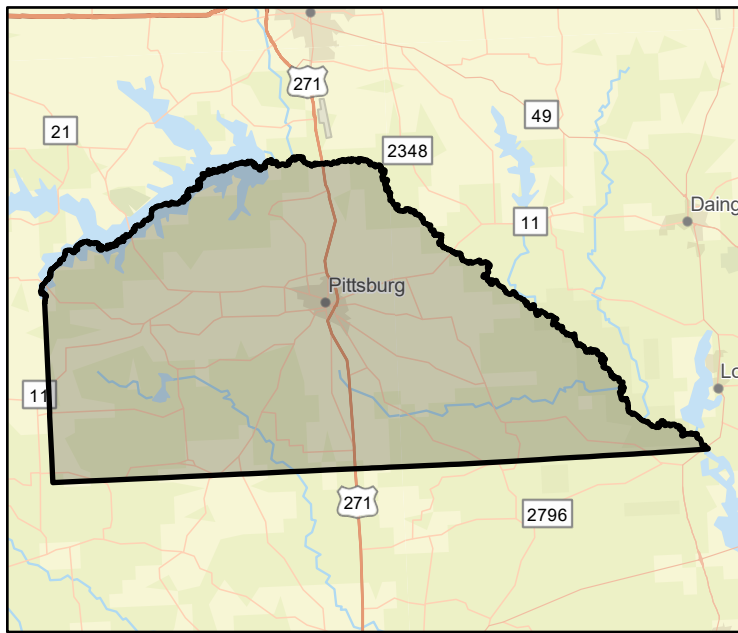
Farm/Ranch land impacted (acres) **359** Roadway(s) impacted (length) **30**

Number of low water crossings **1** Historical road closures **-**

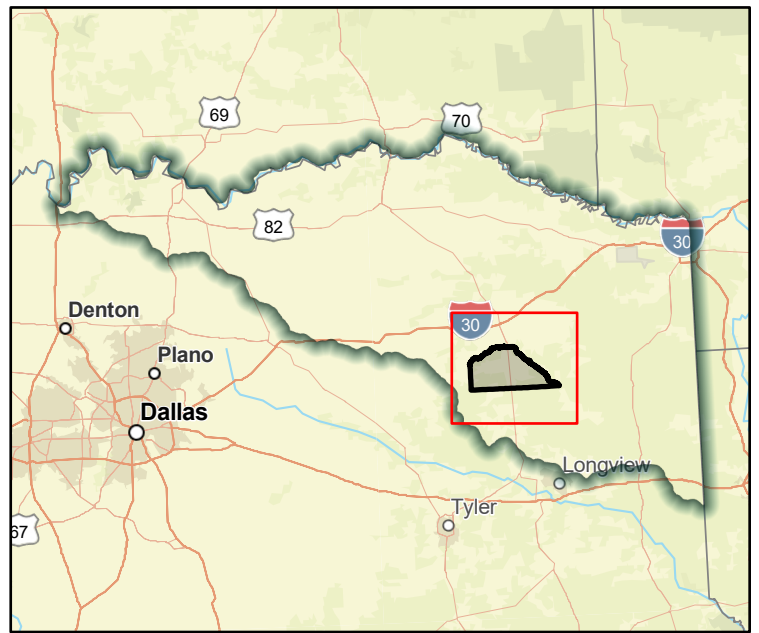
Estimated Cost and Funding Availability

Total Cost **\$465,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Cass County FIS**

ID# **021000017**

Sponsor (name of entity, not person) **Cass County**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

Study Details

Study type **Watershed Planning**

Study description **Update County maps to Zone AE**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **No**

County **Cass** Watershed HUC# (if known)

Drainage area (Square miles, est.) **957** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **1,595** # of structures **574** Critical facilities **12**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

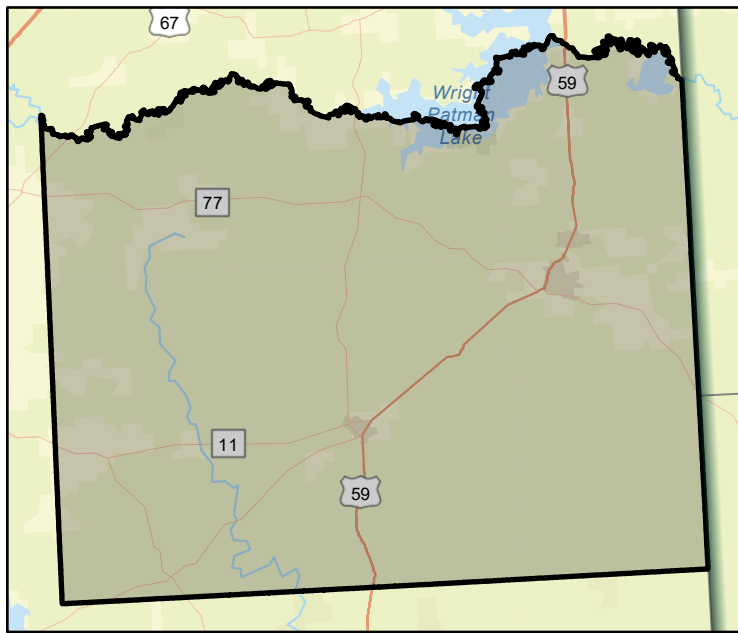
Farm/Ranch land impacted (acres) **859** Roadway(s) impacted (length) **159**

Number of low water crossings **7** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$2,419,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title

ID#

Sponsor (name of entity, not person)

RFPG recommend? Yes Reason for Recommendation

Study Details

Study type

Study description

New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No

County Watershed HUC# (if known)

Drainage area (Square miles, est.) Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

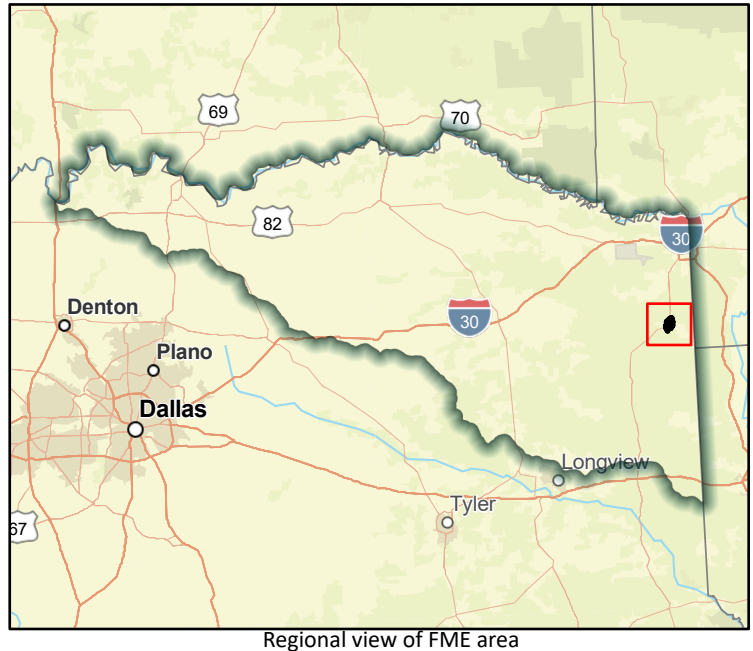
Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

Estimated Cost and Funding Availability

Total Cost Amount of Available Funding Federal funding availability

Funding source



Flood Management Evaluation (FME)



Title

ID#

Sponsor (name of entity, not person)

RFPG recommend? Yes Reason for Recommendation

Study Details

Study type

Study description

New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No

County Watershed HUC# (if known)

Drainage area (Square miles, est.) Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

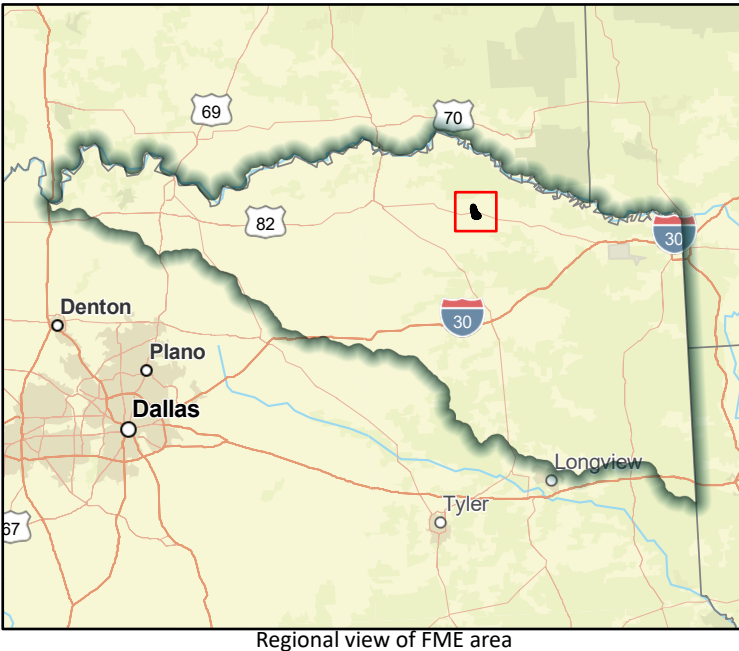
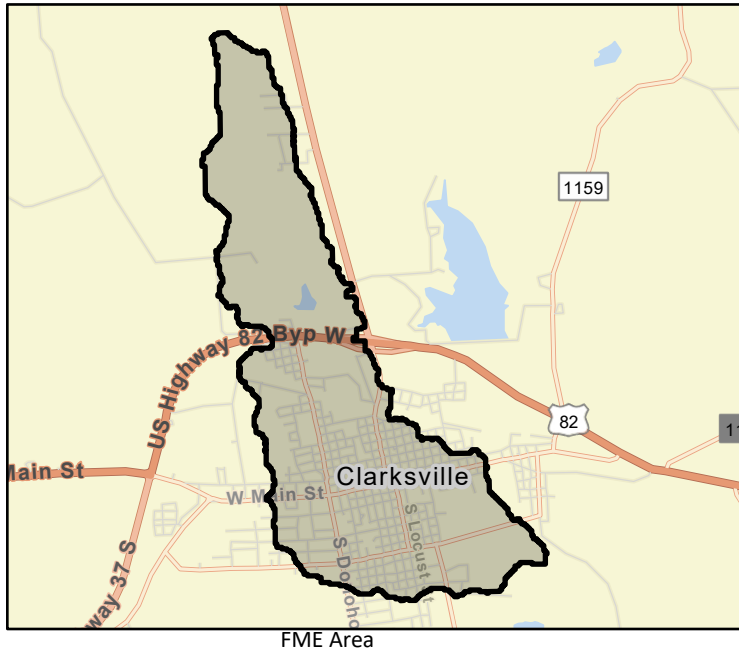
Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

Estimated Cost and Funding Availability

Total Cost Amount of Available Funding Federal funding availability No

Funding source



Flood Management Evaluation (FME)



Title

ID#

Sponsor (name of entity, not person)

RFPG recommend? Yes Reason for Recommendation

Study Details

Study type

Study description

New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes

County Watershed HUC# (if known)

Drainage area (Square miles, est.) Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

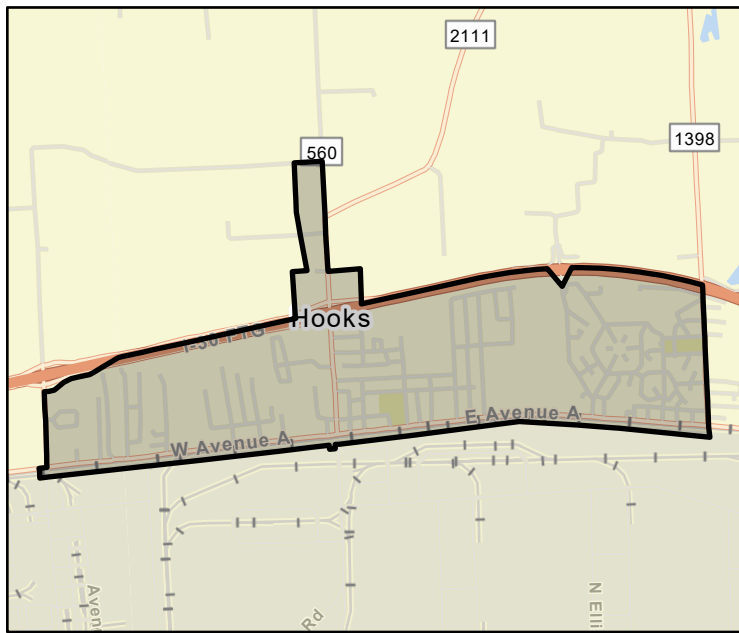
Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

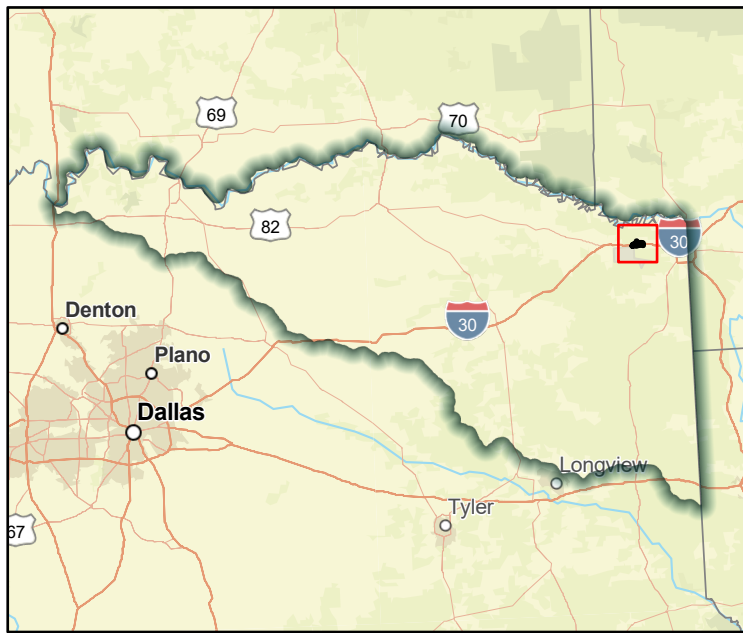
Estimated Cost and Funding Availability

Total Cost Amount of Available Funding Federal funding availability

Funding source



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title

ID#

Sponsor (name of entity, not person)

RFPG recommend? Yes Reason for Recommendation

Study Details

Study type

Study description

New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes

County Watershed HUC# (if known)

Drainage area (Square miles, est.) Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

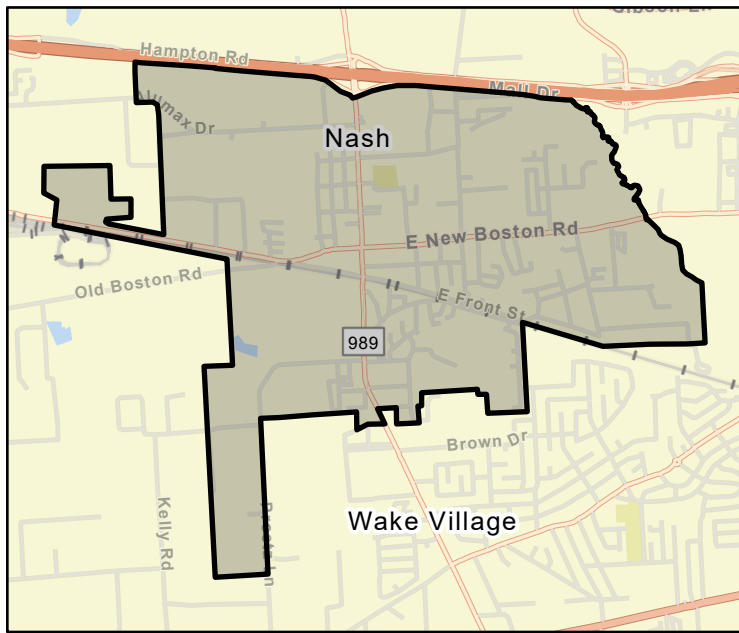
Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

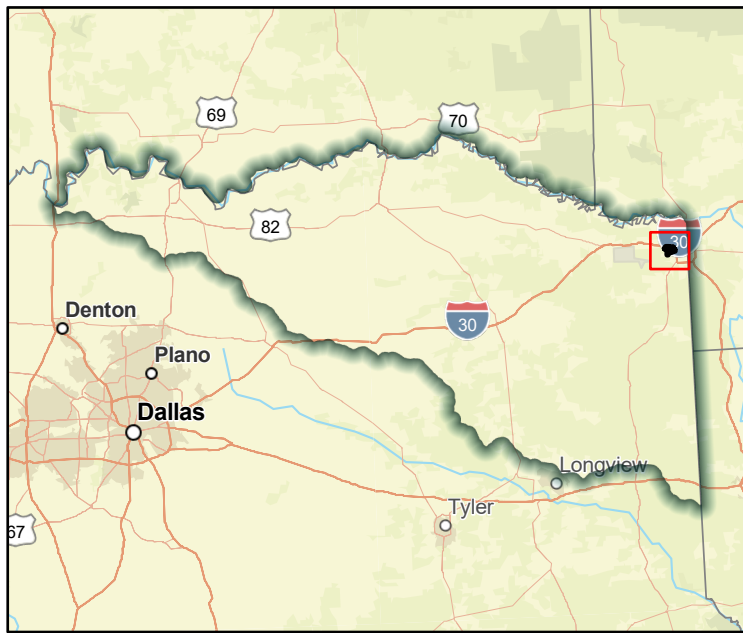
Estimated Cost and Funding Availability

Total Cost Amount of Available Funding Federal funding availability

Funding source



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **City of Paris Big Sandy Cr Tribs 4 and 6 Improvements**

ID# **021000042**

Sponsor (name of entity, not person) **City of Paris**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Study Details

Study type **Project Planning**

Study description **Re-grade channel downstream of Clarksville Ave. and establish concrete channel upstream of Clarksville Ave. Channel improvements in the upper portion of Tributary 4. Tributary 6 channel improvements and culvert replacement.**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Lamar** Watershed HUC# (if known) **111403010405,111401010702**

Drainage area (Square miles, est.) **1** Goal(s) **02006003, 02006004**

100-Year Flood Risk Summary

Population at risk **677** # of structures **202** Critical facilities **1**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

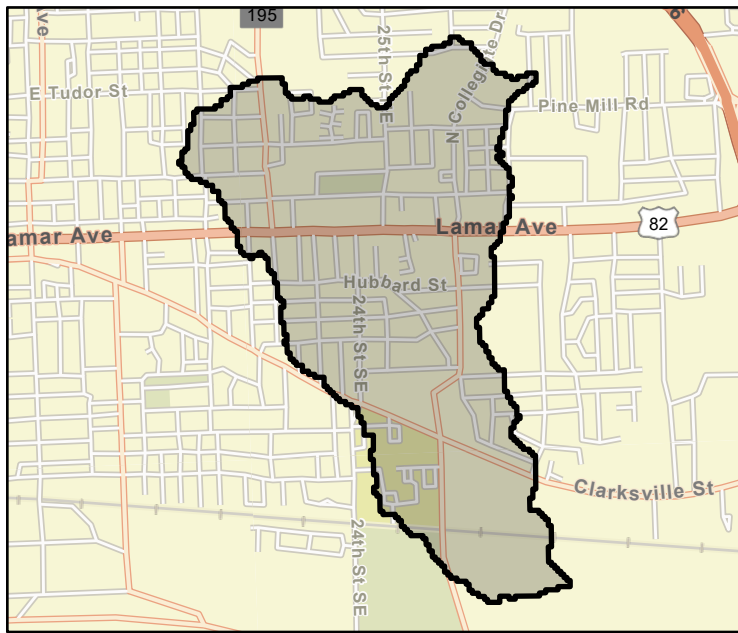
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **3**

Number of low water crossings **0** Historical road closures **-99,999**

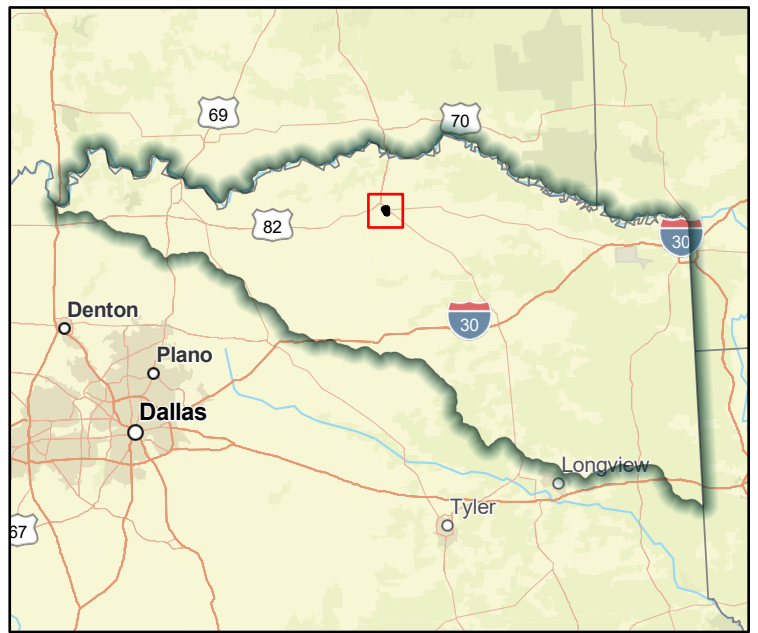
Estimated Cost and Funding Availability

Total Cost **\$253,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title

ID#

Sponsor (name of entity, not person)

RFPG recommend? Yes Reason for Recommendation

Study Details

Study type

Study description

New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes

County Watershed HUC# (if known)

Drainage area (Square miles, est.) Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

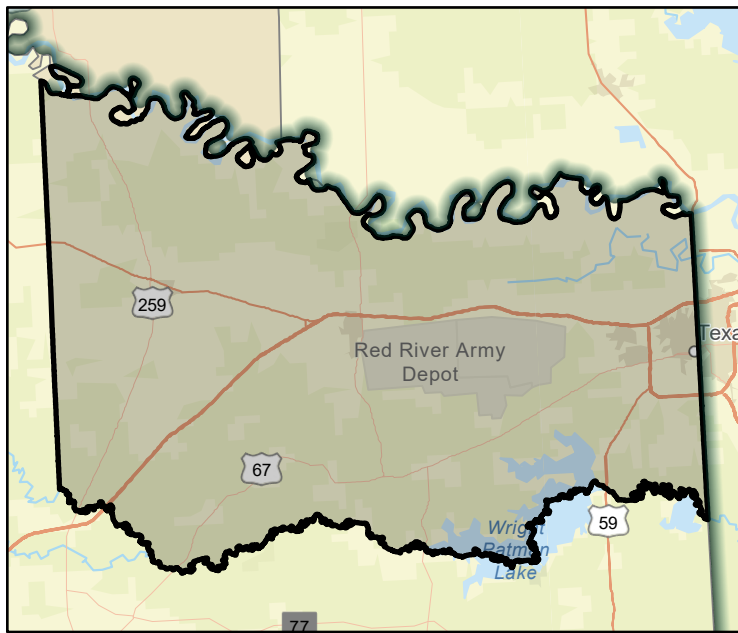
Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

Estimated Cost and Funding Availability

Total Cost Amount of Available Funding Federal funding availability

Funding source



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

**LOWER RED-SULPHUR-CYPRESS
REGIONAL FLOOD
PLANNING GROUP
REGION 2**

Title **City of Texarkana Gauges**
 ID# **021000060**
 Sponsor (name of entity, not person) **City of Texarkana**
 RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Study Details

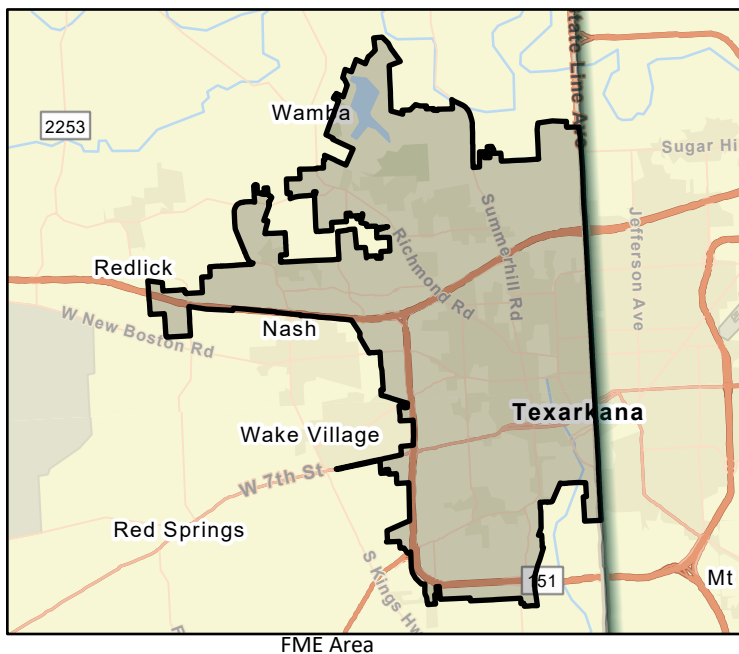
Study type **Preparedness**
 Study description **Install depth gauges and radio-controlled guard arms at three flood-prone underpasses and warning lights and a "Do Not Enter" sign at flood-prone residential intersection.**
 New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **No**
 County **Bowie** Watershed HUC# (if known) **111402010201,111403020704,111401060604,111403020705,111403020**
 Drainage area (Square miles, est.) **32** Goal(s) **02002001, 02002002**

100-Year Flood Risk Summary

Population at risk **4,532** # of structures **836** Critical facilities **9**
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**
 Farm/Ranch land impacted (acres) **41** Roadway(s) impacted (length) **48**
 Number of low water crossings **2** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$100,000** Amount of Available Funding **-** Federal funding availability **No**
 Funding source **-**



Flood Management Evaluation (FME)



Title **Cowhorn Creek East**

ID# **021000032**

Sponsor (name of entity, not person) **City of Texarkana**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

Study Details

Study type **Watershed Planning**

Study description **Extend current H&H study limits to the upstream detention pond. Evaluate existing flooding and develop mitigation actions.**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Bowie** Watershed HUC# (if known) **111402010201,111403020704**

Drainage area (Square miles, est.) **5** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **1,678** # of structures **247** Critical facilities **0**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

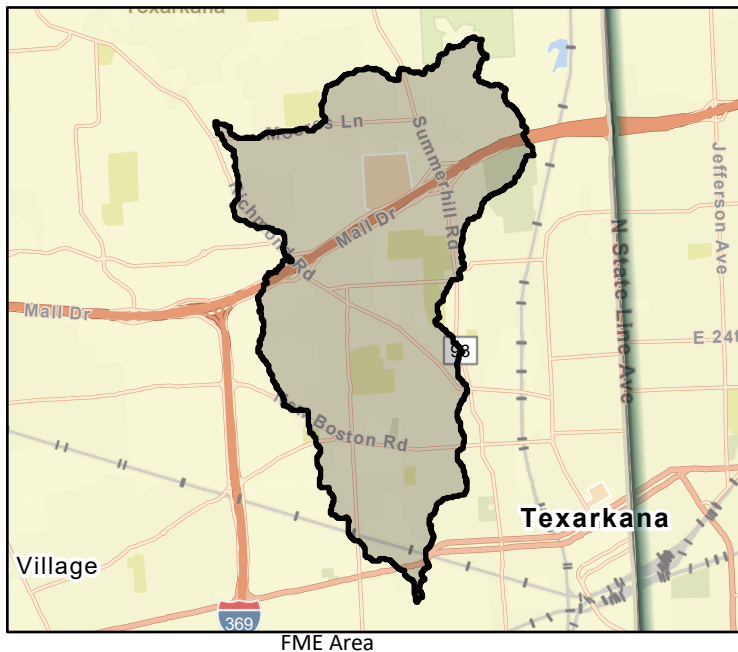
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **9**

Number of low water crossings **0** Historical road closures **-99,999**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



Flood Management Evaluation (FME)



Title **Cowhorn West Creek**

ID# **021000035**

Sponsor (name of entity, not person) **City of Texarkana**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

Study Details

Study type **Watershed Planning**

Study description **Arroyo Street additional modeling to address flooding**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Bowie** Watershed HUC# (if known) **111402010201,111403020704**

Drainage area (Square miles, est.) **5** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **1,678** # of structures **247** Critical facilities **0**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

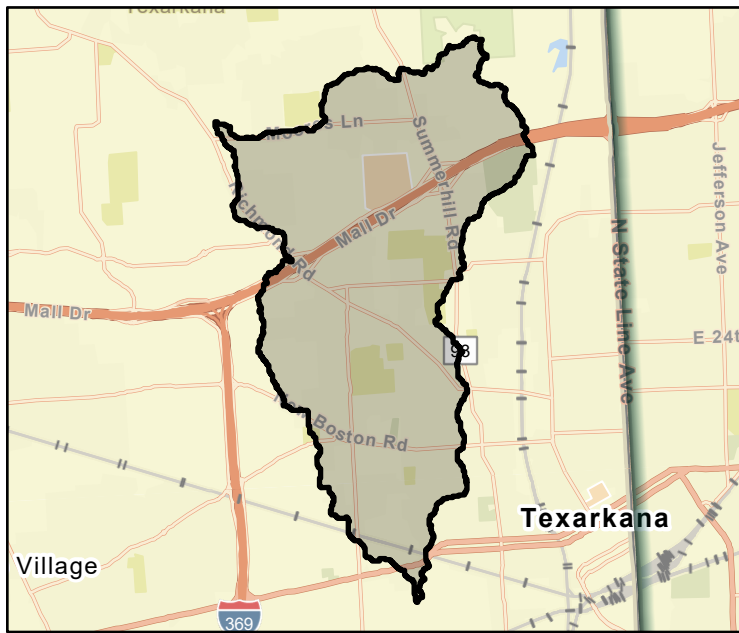
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **9**

Number of low water crossings **0** Historical road closures **-99,999**

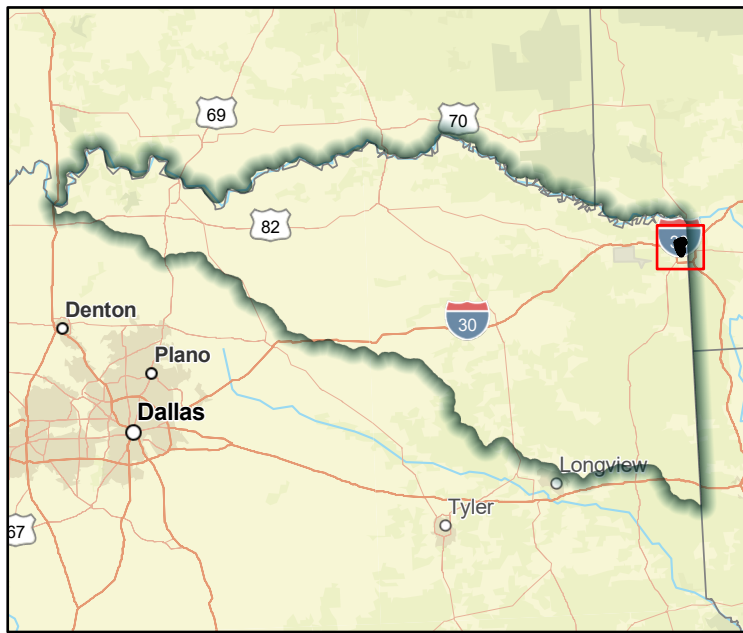
Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **De Kalb Stormwater Drainage**

ID# **021000027**

Sponsor (name of entity, not person) **City of De Kalb**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Study Details

Study type **Watershed Planning**

Study description **Citywide evaluation of flooding impacts on streets and drainage structures**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Bowie** Watershed HUC# (if known) **111401060503,111403020501**

Drainage area (Square miles, est.) **1** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **3** # of structures **2** Critical facilities **0**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

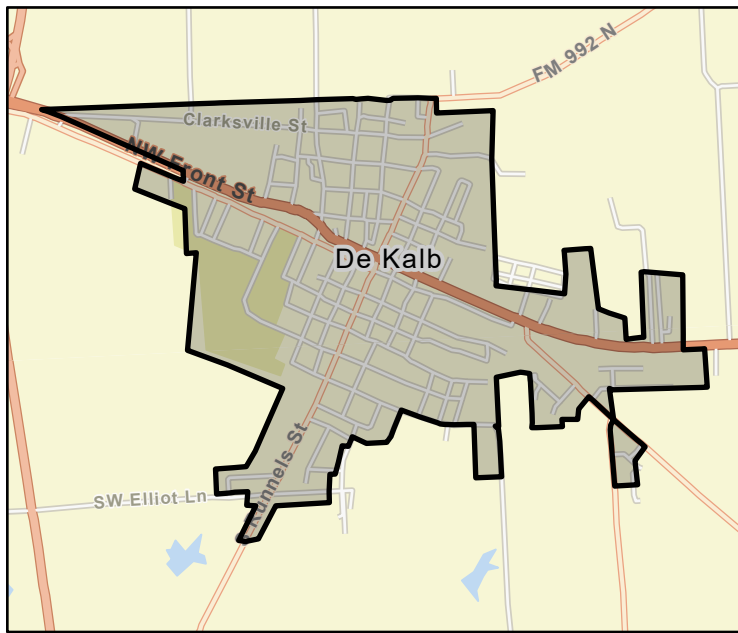
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

Number of low water crossings **0** Historical road closures **-**

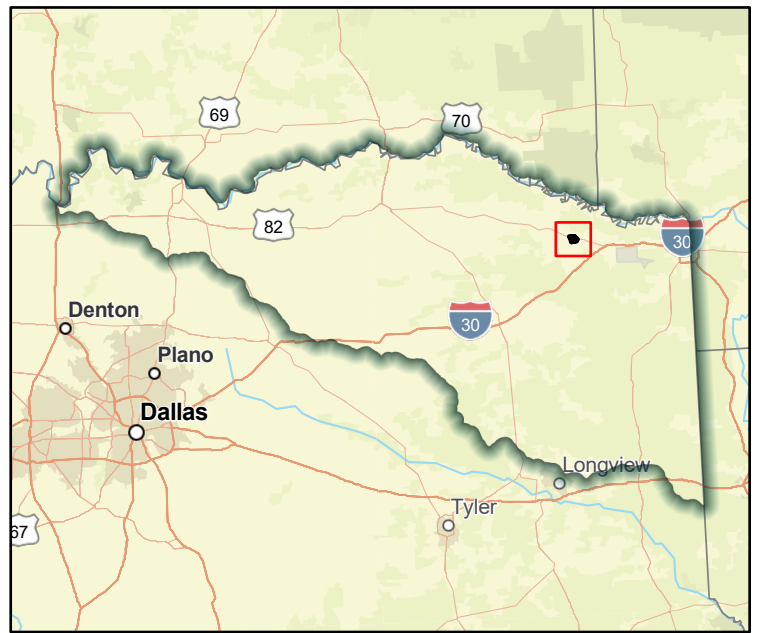
Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Delta County FIS**

ID# **021000006**

Sponsor (name of entity, not person) **Delta County**

RFPG recommend? **Yes** Reason for Recommendation **Increases Mapping Coverage**

Study Details

Study type **Watershed Planning**

Study description **Develop FIS for the County**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **No**

County **Delta** Watershed HUC# (if known) **111403010106,111403010206,111403010407,111403010204,111403010**

Drainage area (Square miles, est.) **277** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **82** # of structures **121** Critical facilities **2**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

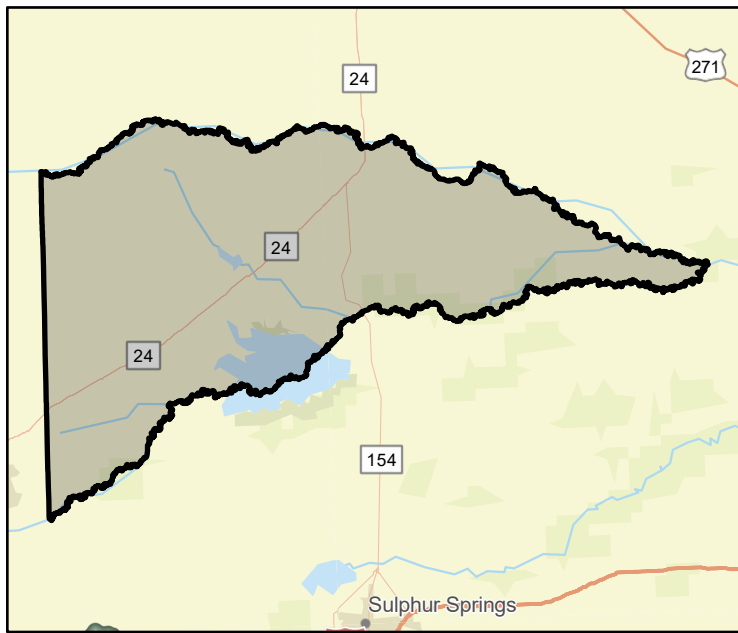
Farm/Ranch land impacted (acres) **14,657** Roadway(s) impacted (length) **42**

Number of low water crossings **8** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$682,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Fannin County FIS**

ID# **021000003**

Sponsor (name of entity, not person) **Fannin County**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

Study Details

Study type **Watershed Planning**

Study description **Update County maps to Zone AE**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Fannin** Watershed HUC# (if known)

Drainage area (Square miles, est.) **897** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **2,014** # of structures **1,077** Critical facilities **18**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

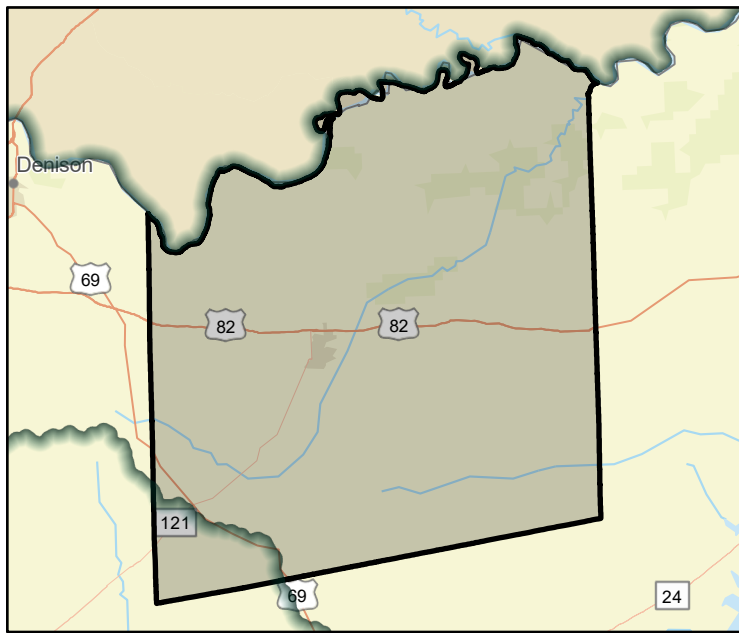
Farm/Ranch land impacted (acres) **37,511** Roadway(s) impacted (length) **170**

Number of low water crossings **26** Historical road closures **-**

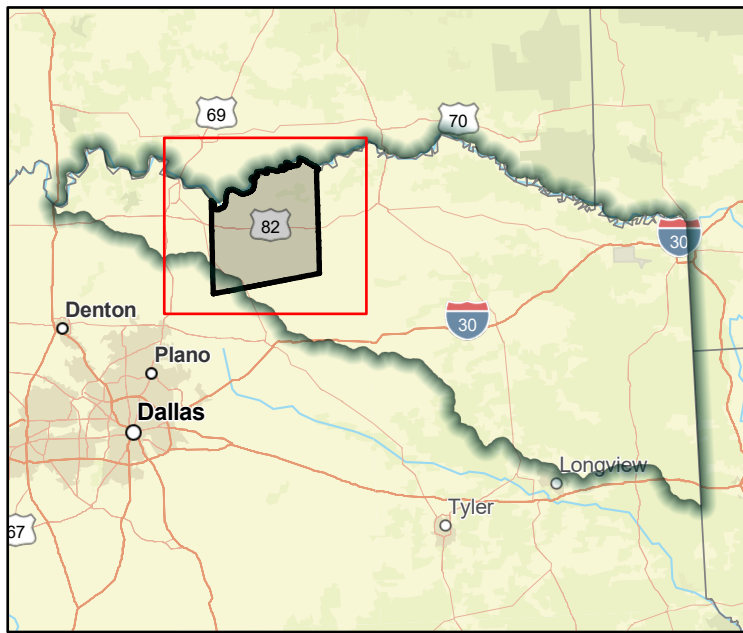
Estimated Cost and Funding Availability

Total Cost **\$2,471,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Franklin County FIS**

ID# **021000009**

Sponsor (name of entity, not person) **Franklin County**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

Study Details

Study type **Watershed Planning**

Study description **Develop FIS for the County**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **No**

County **Franklin** Watershed HUC# (if known) **111403010407,111403030201,111403030202,111403030111,111403030**

Drainage area (Square miles, est.) **294** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **2,160** # of structures **455** Critical facilities **1**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

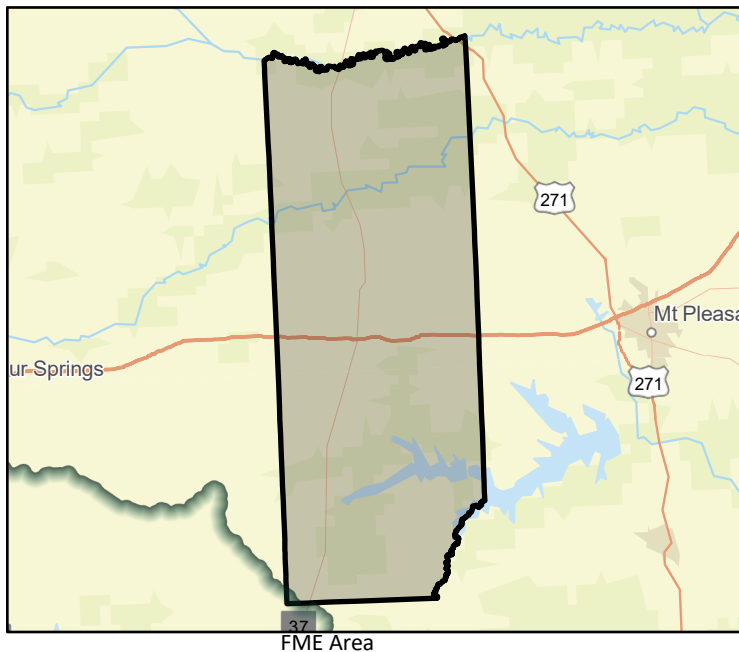
Farm/Ranch land impacted (acres) **1,573** Roadway(s) impacted (length) **39**

Number of low water crossings **5** Historical road closures **-**

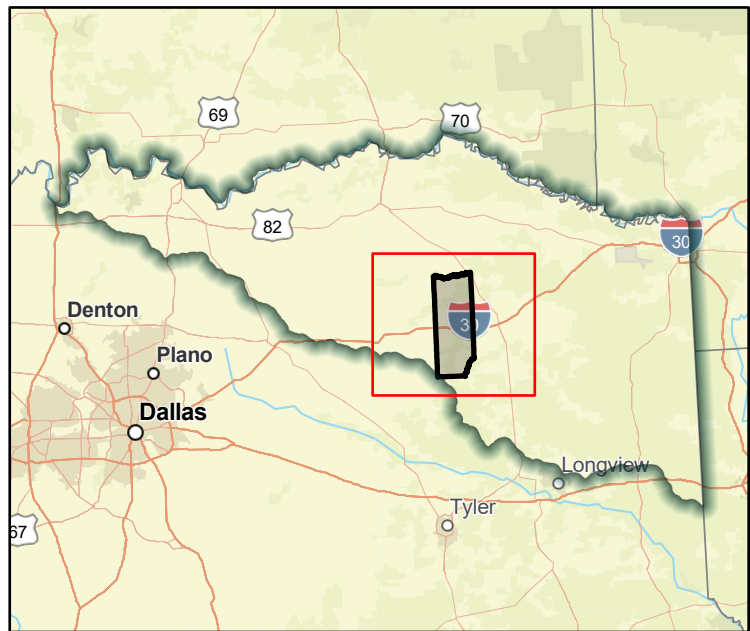
Estimated Cost and Funding Availability

Total Cost **\$666,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Grayson County Buyout of Repetitive Flood Properties

ID# 021000057

Sponsor (name of entity, not person) Grayson County

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

Study Details

Study type Other

Study description Work with local jurisdiction in the buy-out of repetitive flood properties. This includes any structures found to be located in flood areas that are in incorporated and unincorporated areas.

New Hydrologic or Hydraulic model? No Emergency Need? No Existing/Anticipated models in near term? Yes

County Grayson Watershed HUC# (if known)

Drainage area (Square miles, est.) 977 Goal(s) 02005001, 02005002

100-Year Flood Risk Summary

Population at risk 9,464 # of structures 2,569 Critical facilities 23

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

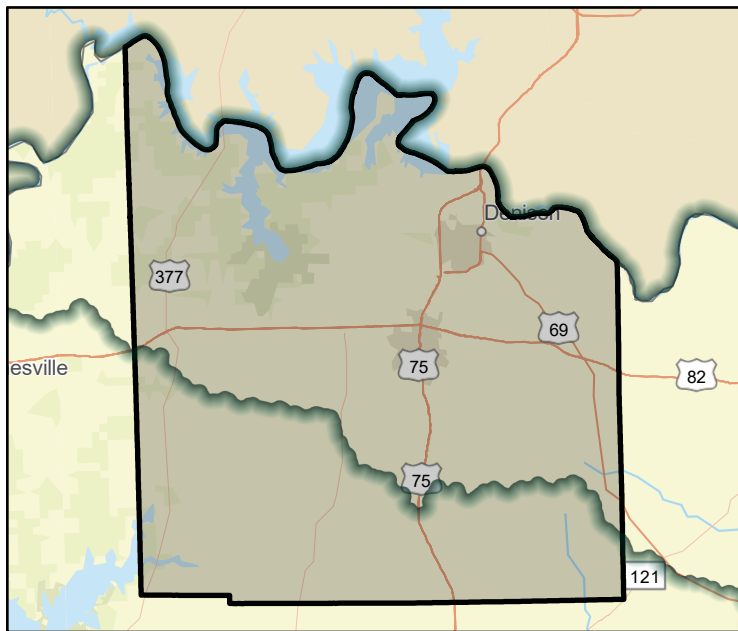
Farm/Ranch land impacted (acres) 10,335 Roadway(s) impacted (length) 181

Number of low water crossings 8 Historical road closures -

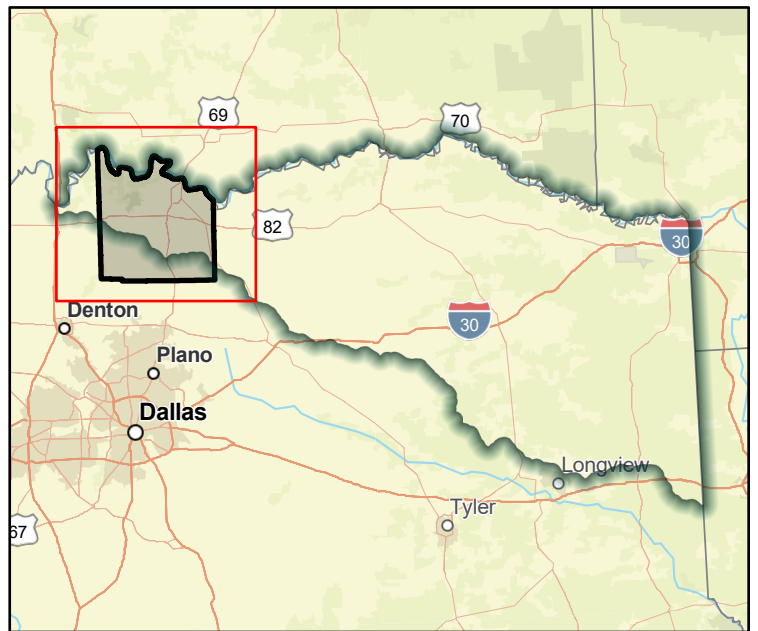
Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title

ID#

Sponsor (name of entity, not person)

RFPG recommend? Yes Reason for Recommendation

Study Details

Study type

Study description

New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes

County Watershed HUC# (if known)

Drainage area (Square miles, est.) Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

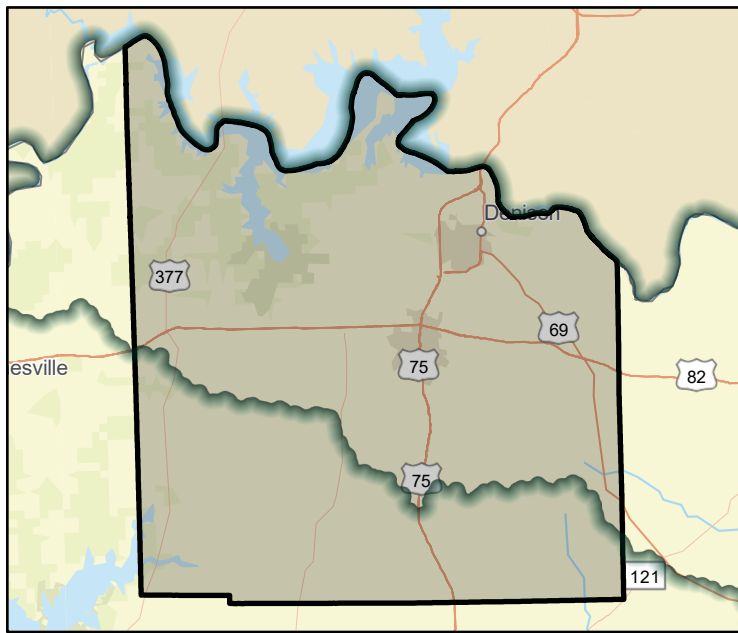
Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

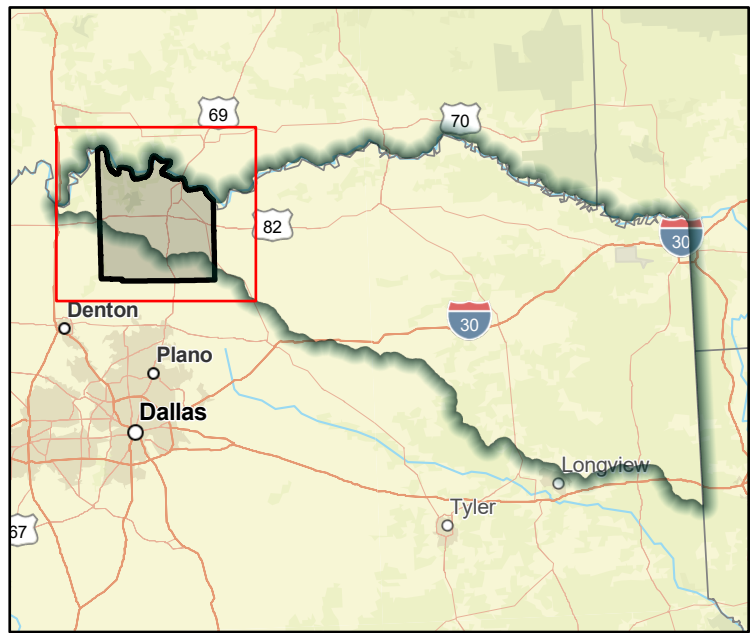
Estimated Cost and Funding Availability

Total Cost Amount of Available Funding Federal funding availability No

Funding source



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Harrison County FIS
 ID# 021000015
 Sponsor (name of entity, not person) Harrison County
 RFPG recommend? Yes Reason for Recommendation Increases mapping coverage

Study Details

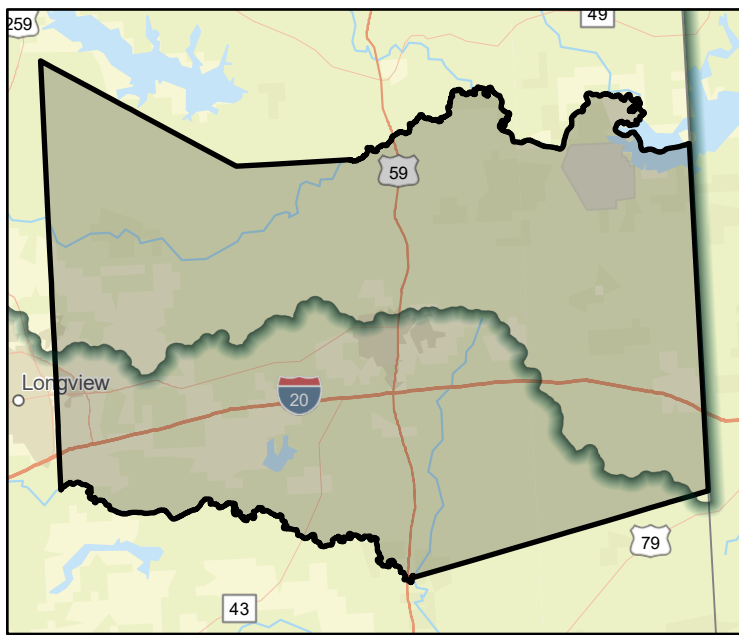
Study type Watershed Planning
 Study description Update County maps to Zone AE
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No
 County Harrison Watershed HUC# (if known)
 Drainage area (Square miles, est.) 912 Goal(s) 02003001, 02003002

100-Year Flood Risk Summary

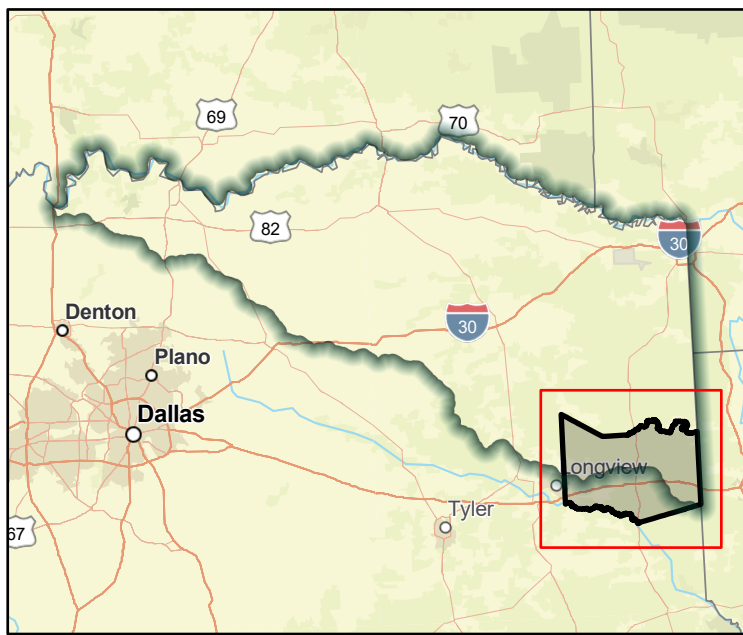
Population at risk 1,254 # of structures 898 Critical facilities 6
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 255 Roadway(s) impacted (length) 97
 Number of low water crossings 5 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$2,162,000 Amount of Available Funding - Federal funding availability No
 Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Harrison County Property Acquisition**

ID# **021000058**

Sponsor (name of entity, not person) **Harrison County**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Study Details

Study type **Other**

Study description **Acquisition and management strategies of land to preserve open space within Region 2 for flood mitigation and water quality in the floodplain.**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **No**

County **Harrison** Watershed HUC# (if known)

Drainage area (Square miles, est.) **912** Goal(s) **02005001, 02005002**

100-Year Flood Risk Summary

Population at risk **1,254** # of structures **898** Critical facilities **6**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

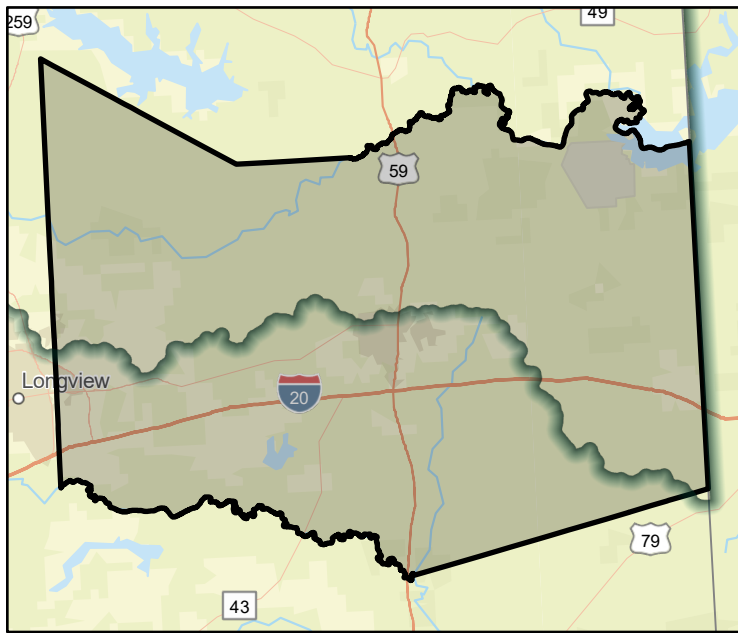
Farm/Ranch land impacted (acres) **255** Roadway(s) impacted (length) **97**

Number of low water crossings **5** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Hopkins County FIS**

ID# **021000007**

Sponsor (name of entity, not person) **Hopkins County**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

Study Details

Study type **Watershed Planning**

Study description **Update County maps to Zone AE**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **No**

County **Hopkins** Watershed HUC# (if known)

Drainage area (Square miles, est.) **791** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **4,454** # of structures **702** Critical facilities **5**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

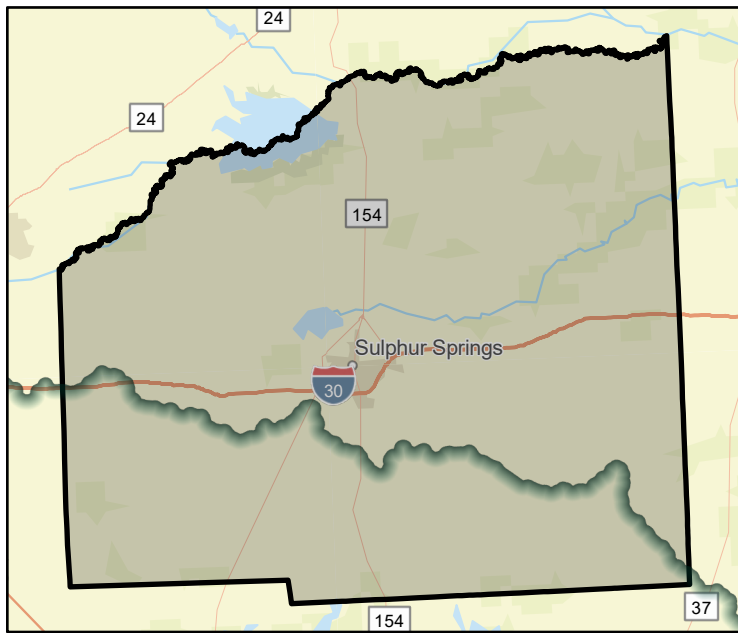
Farm/Ranch land impacted (acres) **8,634** Roadway(s) impacted (length) **149**

Number of low water crossings **3** Historical road closures **-**

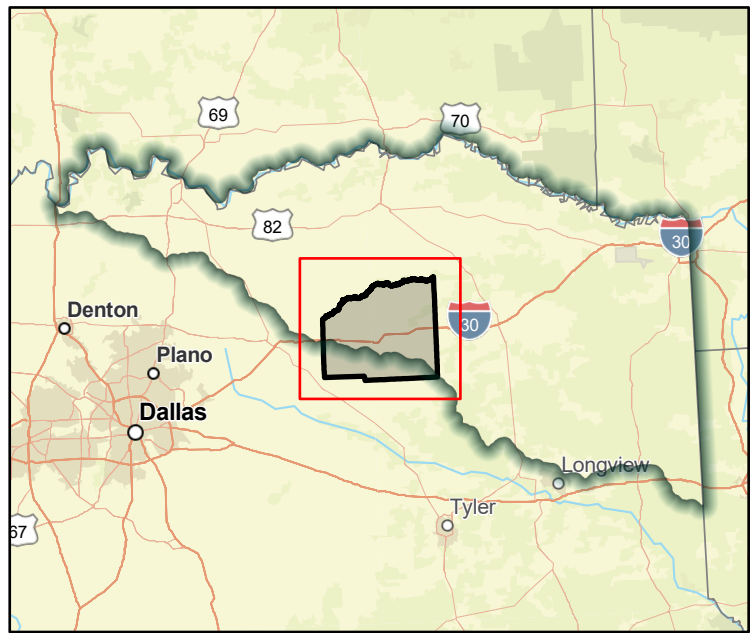
Estimated Cost and Funding Availability

Total Cost **\$2,061,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Lamar County FIS**

ID# **021000005**

Sponsor (name of entity, not person) **Lamar County**

RFPG recommend? **Yes** Reason for Recommendation **Increases Mapping Coverage**

Study Details

Study type **Watershed Planning**

Study description **Update County maps to Zone AE**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Lamar** Watershed HUC# (if known)

Drainage area (Square miles, est.) **932** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **3,603** # of structures **1,644** Critical facilities **33**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

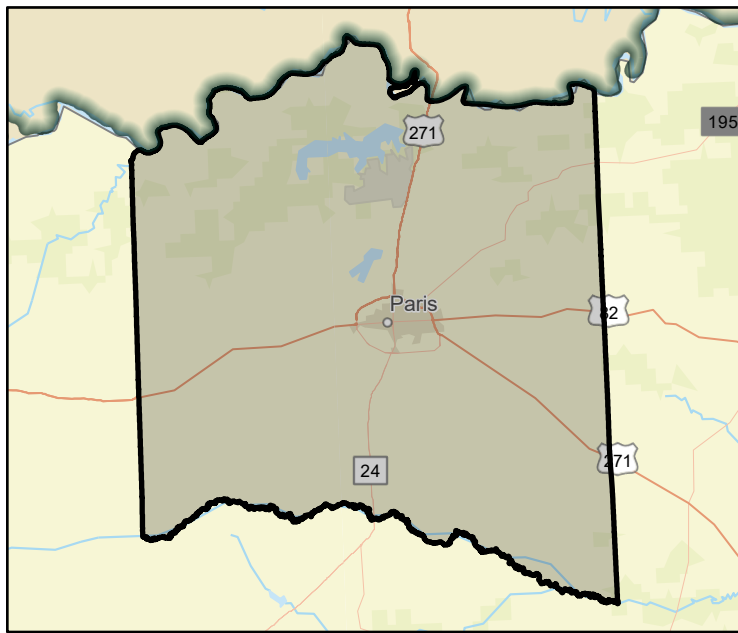
Farm/Ranch land impacted (acres) **42,825** Roadway(s) impacted (length) **222**

Number of low water crossings **15** Historical road closures **-**

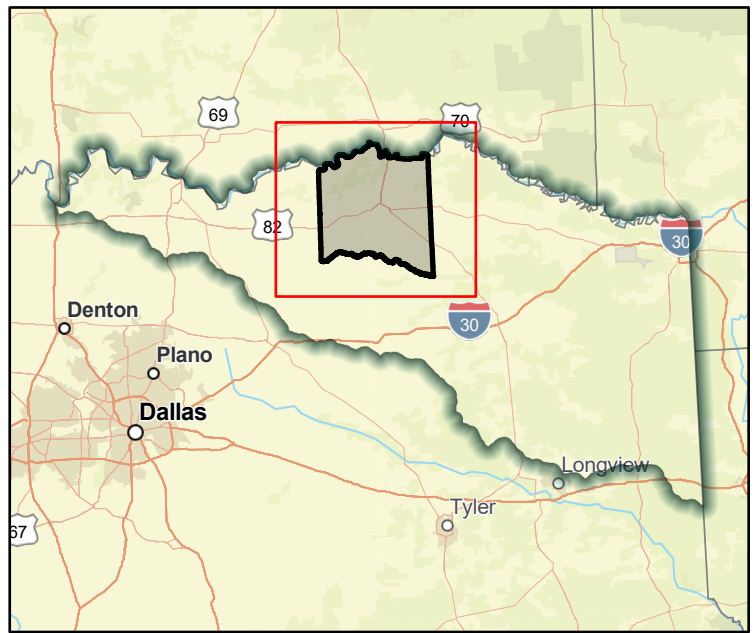
Estimated Cost and Funding Availability

Total Cost **\$2,465,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Marion County Barriers**

ID# **021000059**

Sponsor (name of entity, not person) **Marion County**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Study Details

Study type **Preparedness**

Study description **Install low water crossing barriers, similar to railroad crossing barriers.**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **No**

County **Marion** Watershed HUC# (if known)

Drainage area (Square miles, est.) **419** Goal(s) **02002001, 02002002**

100-Year Flood Risk Summary

Population at risk **360** # of structures **313** Critical facilities **4**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

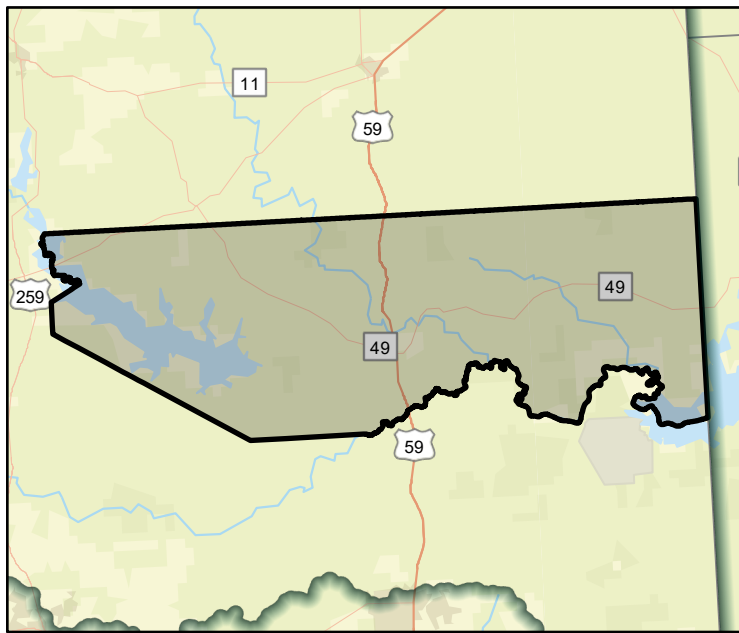
Farm/Ranch land impacted (acres) **137** Roadway(s) impacted (length) **48**

Number of low water crossings **1** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$100,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Marion County FIS**

ID# **021000016**

Sponsor (name of entity, not person) **Marion County**

RFPG recommend? **Yes** Reason for Recommendation **Increases Mapping Coverage**

Study Details

Study type **Watershed Planning**

Study description **Develop FIS for the County**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **No**

County **Marion** Watershed HUC# (if known)

Drainage area (Square miles, est.) **419** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **360** # of structures **313** Critical facilities **4**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

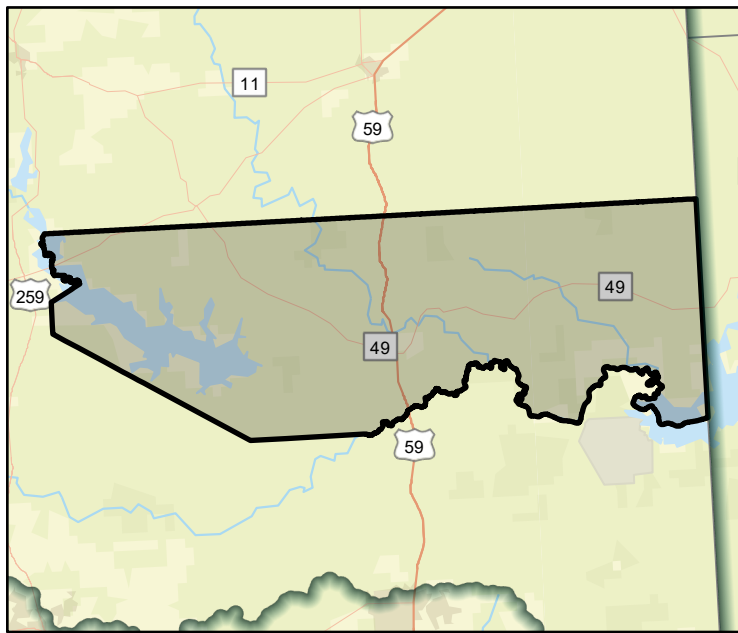
Farm/Ranch land impacted (acres) **137** Roadway(s) impacted (length) **48**

Number of low water crossings **1** Historical road closures **-**

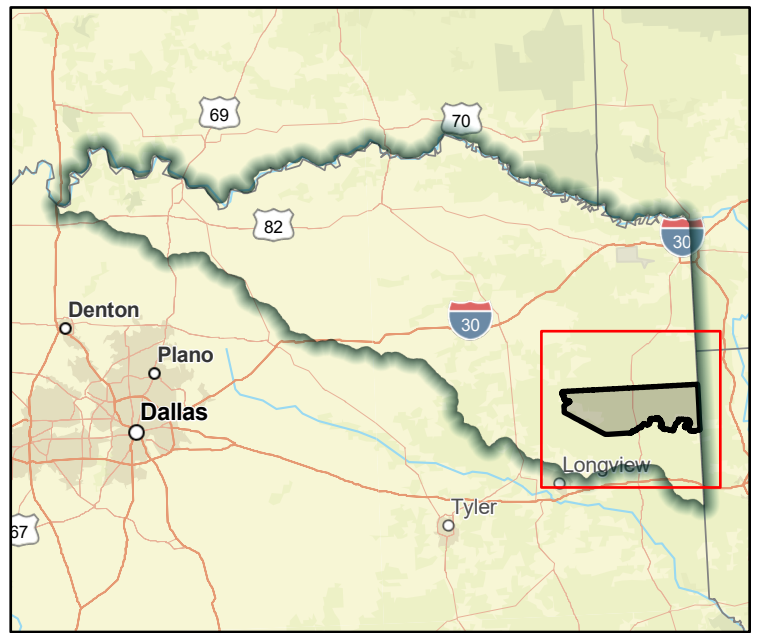
Estimated Cost and Funding Availability

Total Cost **\$851,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Morris County FIS**

ID# **021000019**

Sponsor (name of entity, not person) **Morris County**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

Study Details

Study type **Watershed Planning**

Study description **Update County maps to Zone AE**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **No**

County **Morris** Watershed HUC# (if known) **111403030207,111403030208,111403050310,111403050305,111403050**

Drainage area (Square miles, est.) **257** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **277** # of structures **234** Critical facilities **6**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

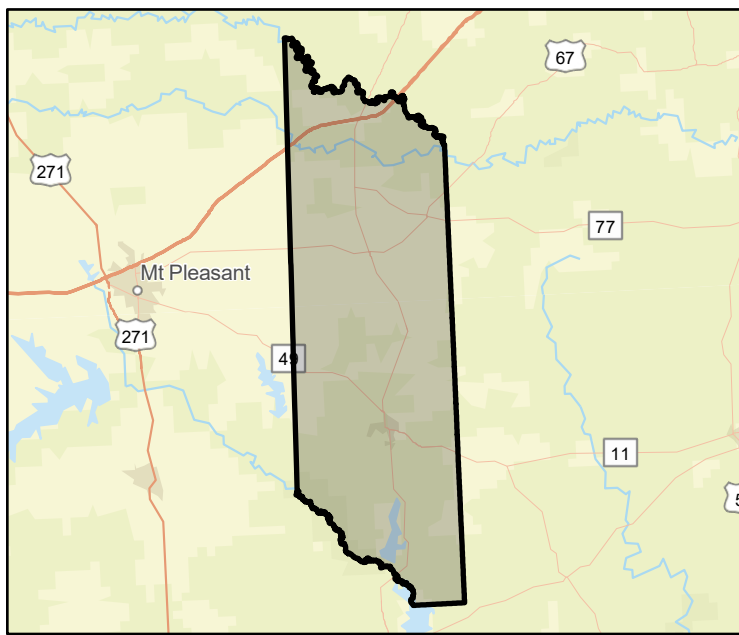
Farm/Ranch land impacted (acres) **395** Roadway(s) impacted (length) **38**

Number of low water crossings **2** Historical road closures **-**

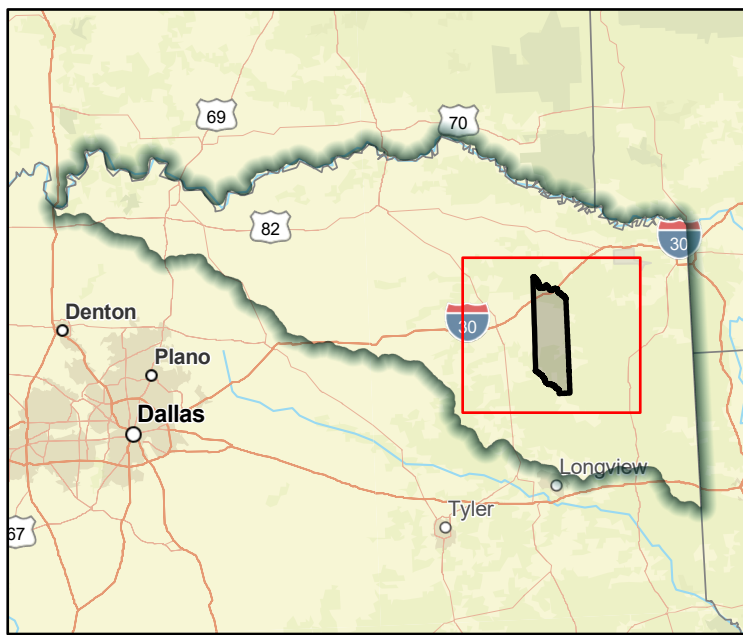
Estimated Cost and Funding Availability

Total Cost **\$804,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Nash Unnamed Stream 1**

ID# **021000024**

Sponsor (name of entity, not person) **Bowie County**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Study Details

Study type **Preparedness**

Study description **Debris, Vegetation Removal, and Channelization**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Bowie** Watershed HUC# (if known) **111403020704,111403020705,111403020701**

Drainage area (Square miles, est.) **1** Goal(s) **02005003, 02005004**

100-Year Flood Risk Summary

Population at risk **0** # of structures **1** Critical facilities **0**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

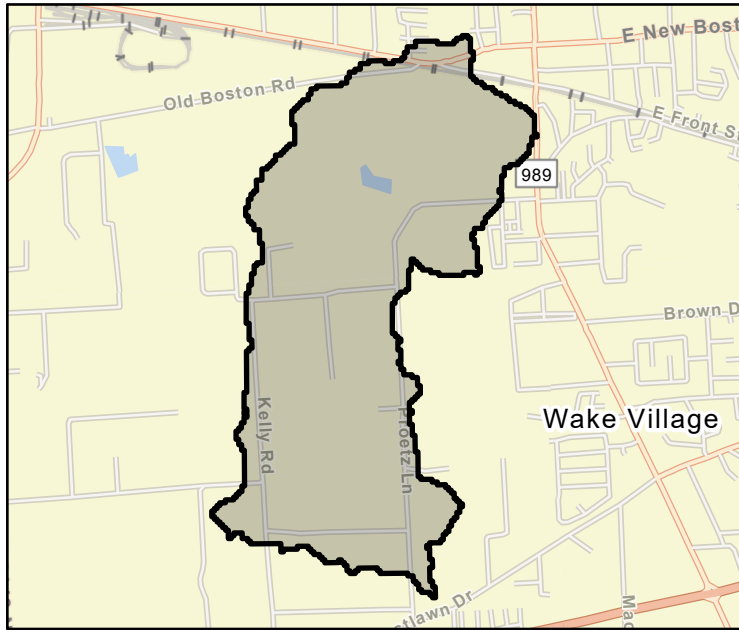
Farm/Ranch land impacted (acres) **2** Roadway(s) impacted (length) **0**

Number of low water crossings **0** Historical road closures **-**

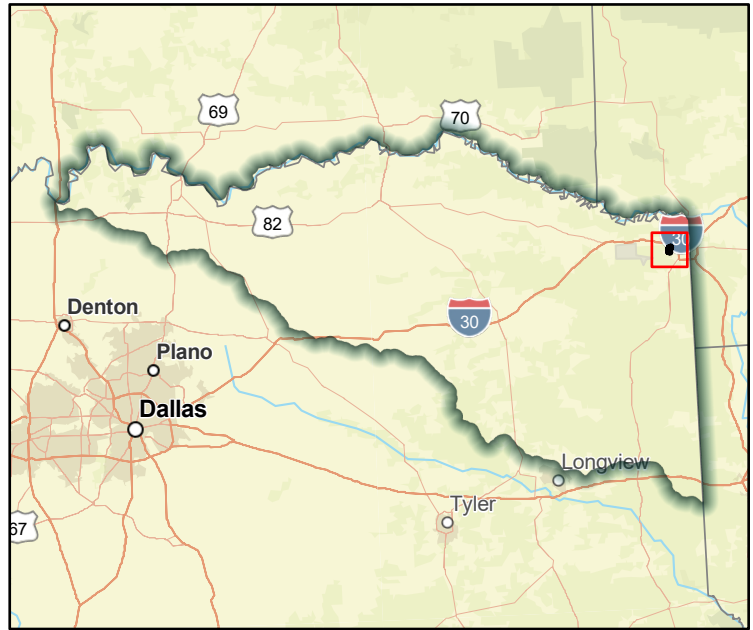
Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Nash Unnamed Stream 2**

ID# **021000025**

Sponsor (name of entity, not person) **Bowie County**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Study Details

Study type **Preparedness**

Study description **Debris, Vegetation Removal, and Channelization**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Bowie** Watershed HUC# (if known) **111403020704,111403020705,111403020701**

Drainage area (Square miles, est.) **1** Goal(s) **02005003, 02005004**

100-Year Flood Risk Summary

Population at risk **0** # of structures **1** Critical facilities **0**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

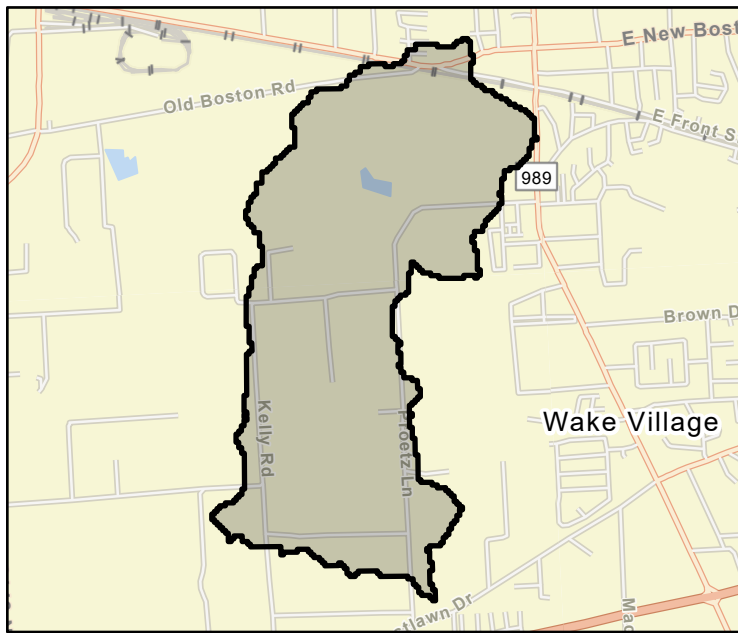
Farm/Ranch land impacted (acres) **2** Roadway(s) impacted (length) **0**

Number of low water crossings **0** Historical road closures **-**

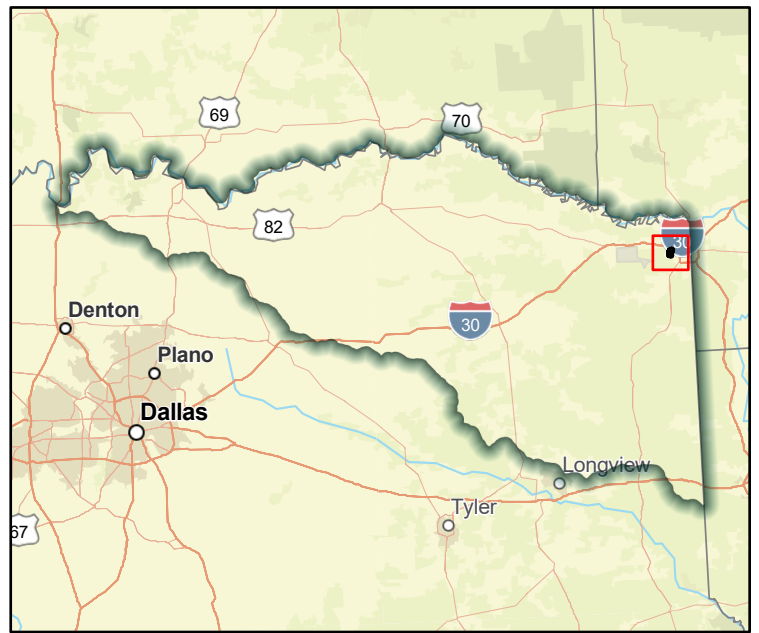
Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **New Boston Unnamed Stream 1**

ID# **021000022**

Sponsor (name of entity, not person) **City of New Boston**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Study Details

Study type **Preparedness**

Study description **Debris, Vegetation Removal, and Channelization**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Bowie** Watershed HUC# (if known) **111401060505,111403020503,111403020603**

Drainage area (Square miles, est.) **4** Goal(s) **02005003, 02005004**

100-Year Flood Risk Summary

Population at risk **20** # of structures **22** Critical facilities **0**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

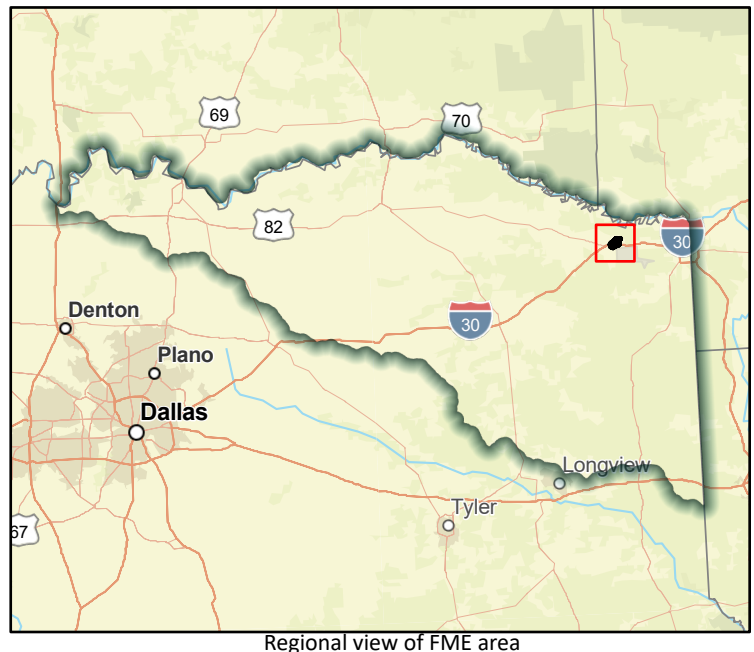
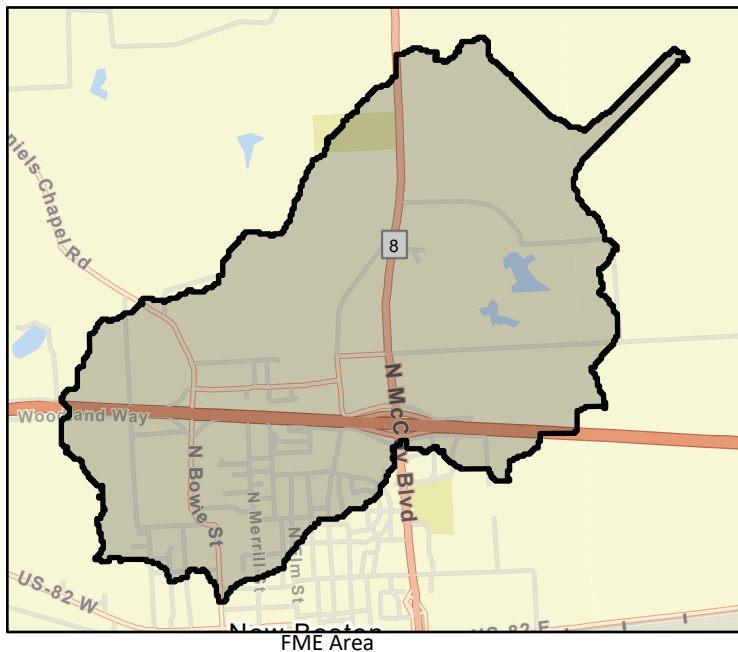
Farm/Ranch land impacted (acres) **5** Roadway(s) impacted (length) **2**

Number of low water crossings **0** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



Flood Management Evaluation (FME)



Title **New Boston Unnamed Stream 2**

ID# **021000023**

Sponsor (name of entity, not person) **City of New Boston**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Study Details

Study type **Preparedness**

Study description **Debris, Vegetation Removal, and Channelization**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **No**

County **Bowie** Watershed HUC# (if known) **111401060505,111403020503,111403020603**

Drainage area (Square miles, est.) **1** Goal(s) **02005003, 02005004**

100-Year Flood Risk Summary

Population at risk **21** # of structures **8** Critical facilities **0**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

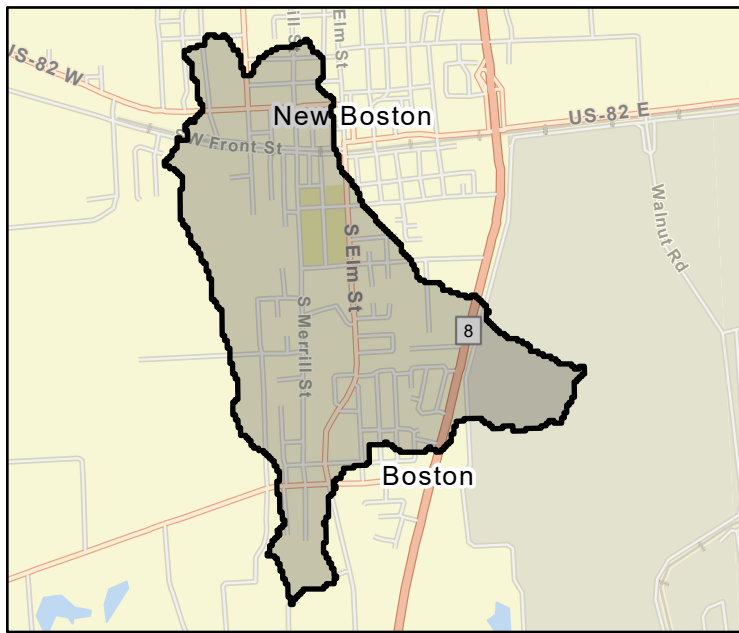
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **1**

Number of low water crossings **0** Historical road closures **-**

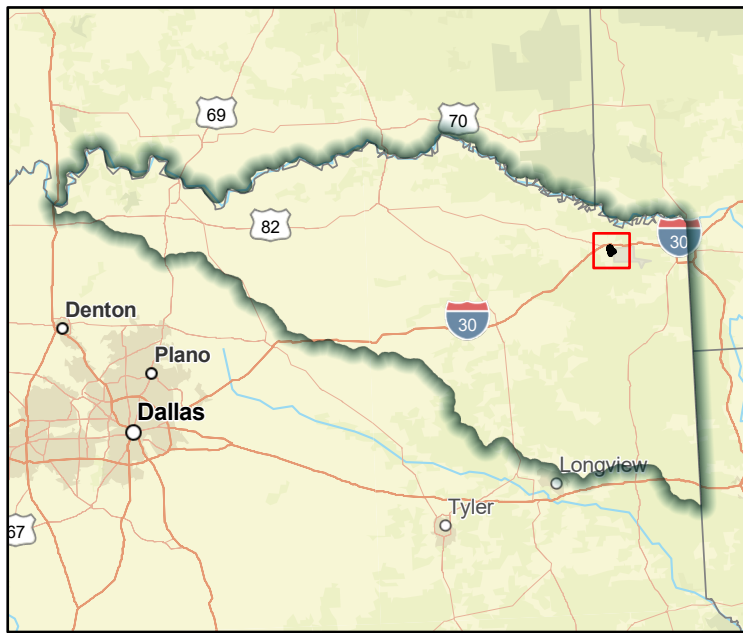
Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **North Sulphur River Channel Stability and Flooding Study**

ID# **021000062**

Sponsor (name of entity, not person) **Sulphur River Basin Authority**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Study Details

Study type **Preparedness**

Study description **Channel stability along North Sulphur River and Highway 24**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Lamar,Delta,Fannin** Watershed HUC# (if known)

Drainage area (Square miles, est.) **520** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **2,011** # of structures **915** Critical facilities **19**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

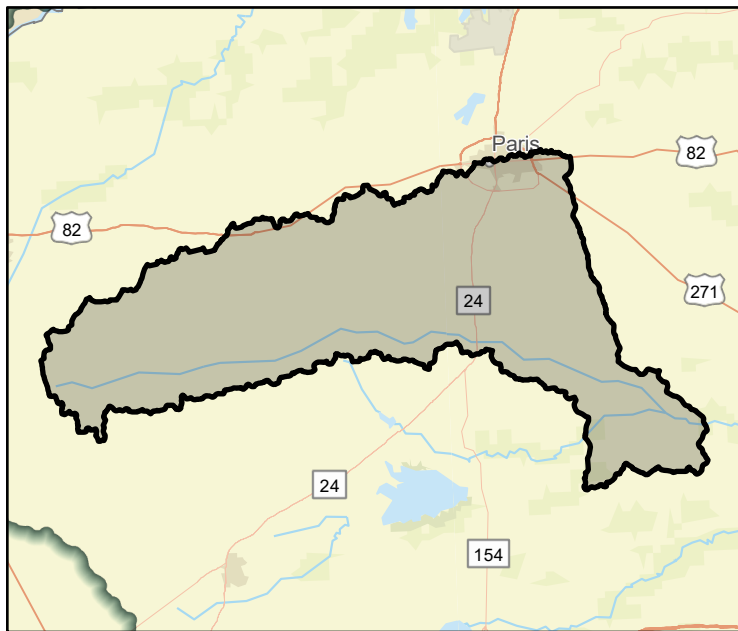
Farm/Ranch land impacted (acres) **31,563** Roadway(s) impacted (length) **85**

Number of low water crossings **10** Historical road closures **-99,999**

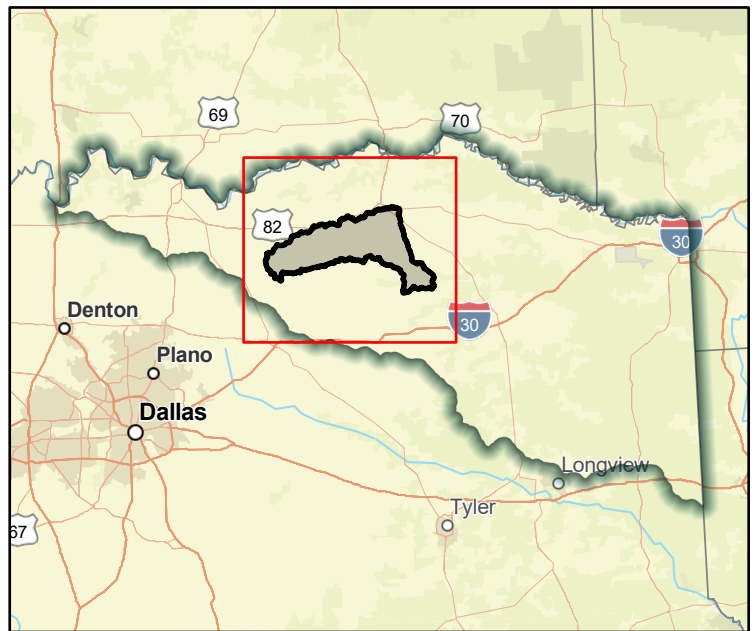
Estimated Cost and Funding Availability

Total Cost **\$950,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Pecan to Waggoner Creek Channel Improvements

ID# 021000064

Sponsor (name of entity, not person) City of Nash

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

Study Details

Study type Project Planning

Study description Channel improvements east of Pecan to Waggoner Creek.

New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes

County Bowie Watershed HUC# (if known) 111402010201,111403020704,111401060604,111403020701

Drainage area (Square miles, est.) 9 Goal(s) 02006003, 02006004

100-Year Flood Risk Summary

Population at risk 412 # of structures 154 Critical facilities 1

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

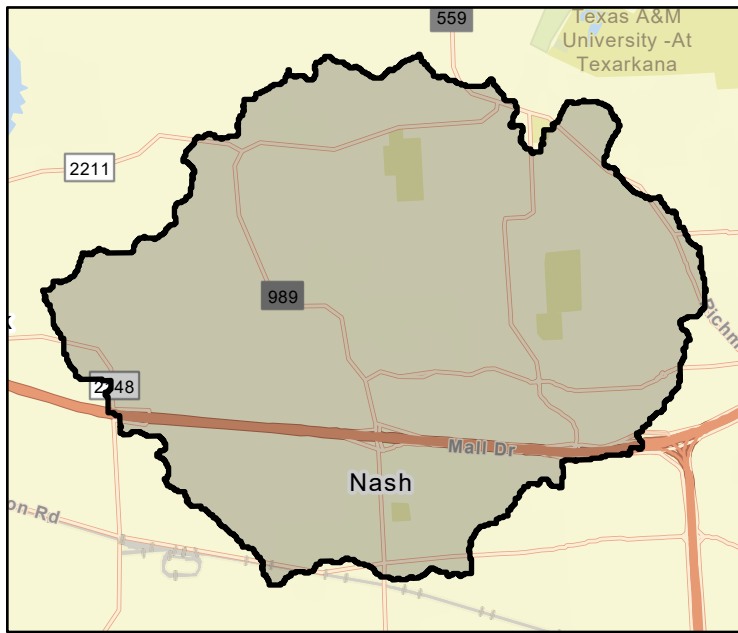
Farm/Ranch land impacted (acres) 17 Roadway(s) impacted (length) 8

Number of low water crossings 1 Historical road closures -99,999

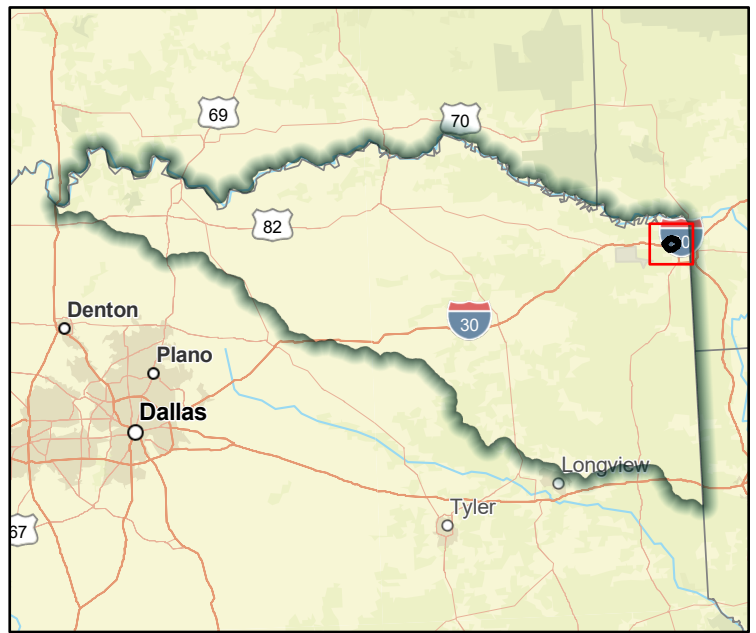
Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Pig Branch Watershed Culvert Study Update**

ID# **021000066**

Sponsor (name of entity, not person) **City of Bonham**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Study Details

Study type **Watershed Planning**

Study description **Study to provide the city with updated drainage information to alleviate existing and potential flood damages for various crossings.**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Fannin** Watershed HUC# (if known) **111401010504,111401010503**

Drainage area (Square miles, est.) **5** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **2,104** # of structures **128** Critical facilities **4**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

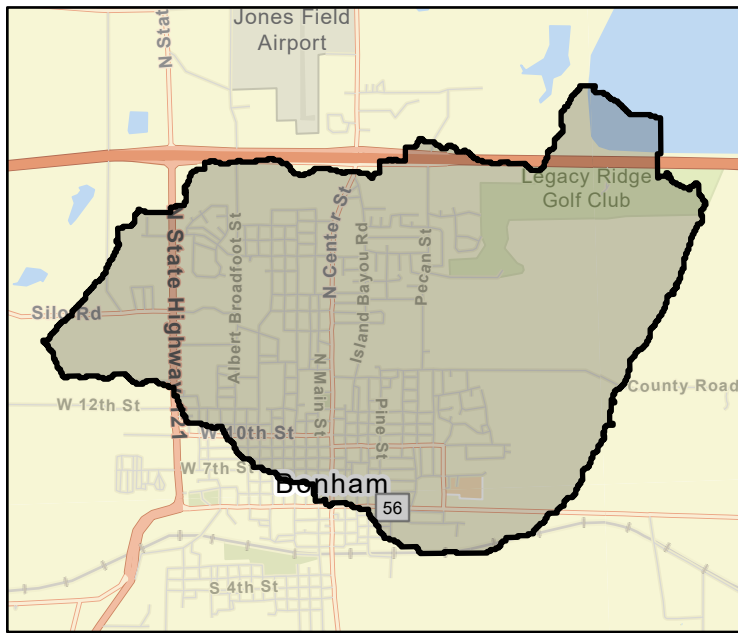
Farm/Ranch land impacted (acres) **146** Roadway(s) impacted (length) **5**

Number of low water crossings **14** Historical road closures **-99,999**

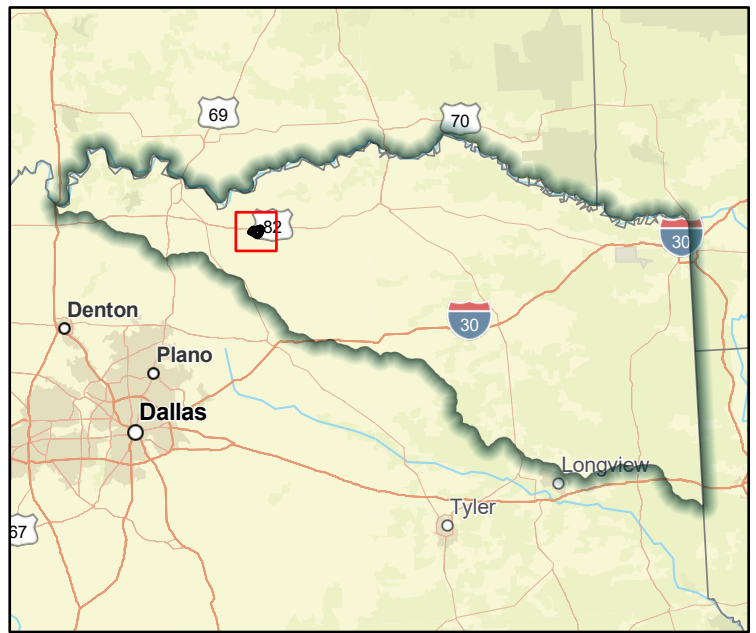
Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Red River County FIS**

ID# **021000008**

Sponsor (name of entity, not person) **Red River County**

RFPG recommend? **Yes** Reason for Recommendation **Increases Mapping Coverage**

Study Details

Study type **Watershed Planning**

Study description **Develop FIS for the County**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Red River** Watershed HUC# (if known)

Drainage area (Square miles, est.) **1,055** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **336** # of structures **391** Critical facilities **5**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

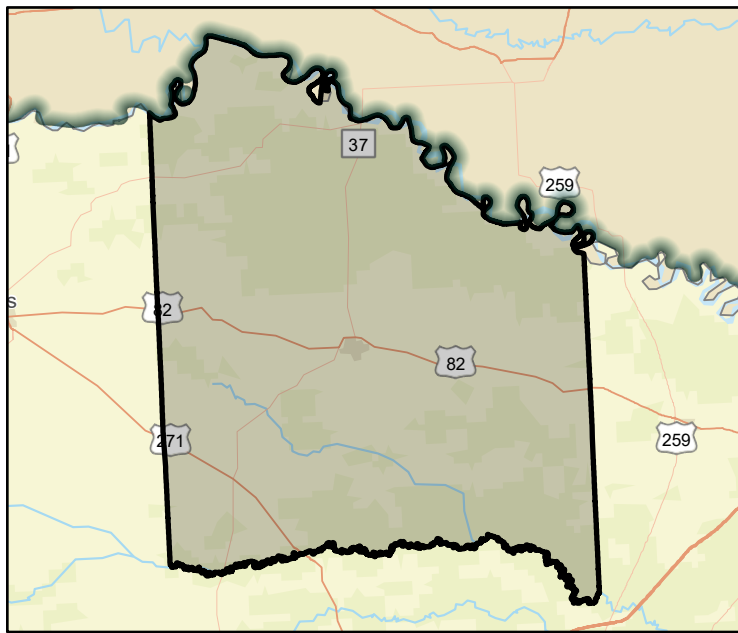
Farm/Ranch land impacted (acres) **24,045** Roadway(s) impacted (length) **157**

Number of low water crossings **16** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$2,606,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Red River Levee and Navigation System**

ID# **021000029**

Sponsor (name of entity, not person) **City of De Kalb, Red River Valley Association**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Study Details

Study type **Project Planning**

Study description **Study flood mitigation benefits of a levee and navigation system on the Lower Red, based on planning by USACE**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **No**

County **Bowie** Watershed HUC# (if known)

Drainage area (Square miles, est.) **118** Goal(s) **02006001, 02006002**

100-Year Flood Risk Summary

Population at risk **159** # of structures **154** Critical facilities **1**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

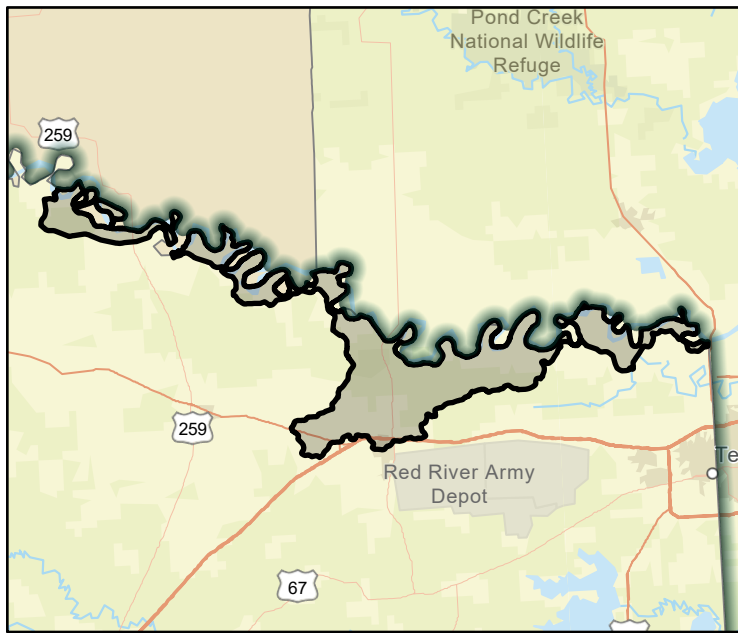
Farm/Ranch land impacted (acres) **15,300** Roadway(s) impacted (length) **26**

Number of low water crossings **1** Historical road closures **-99,999**

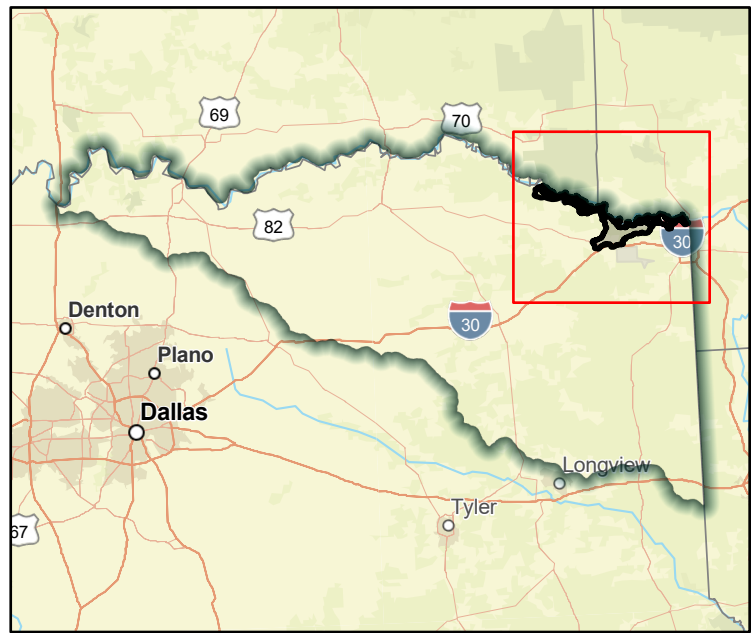
Estimated Cost and Funding Availability

Total Cost **\$4,000,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **South Sulphur River Log Jams**

ID# **021000065**

Sponsor (name of entity, not person) **Sulphur River Basin Authority**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Study Details

Study type **Preparedness**

Study description **Log and debris jams along South Sulphur River near FM 71**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **No**

County **Franklin,Hopkins,Delta** Watershed HUC# (if known)

Drainage area (Square miles, est.) **197** Goal(s) **02005003, 02005004**

100-Year Flood Risk Summary

Population at risk **927** # of structures **322** Critical facilities **3**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

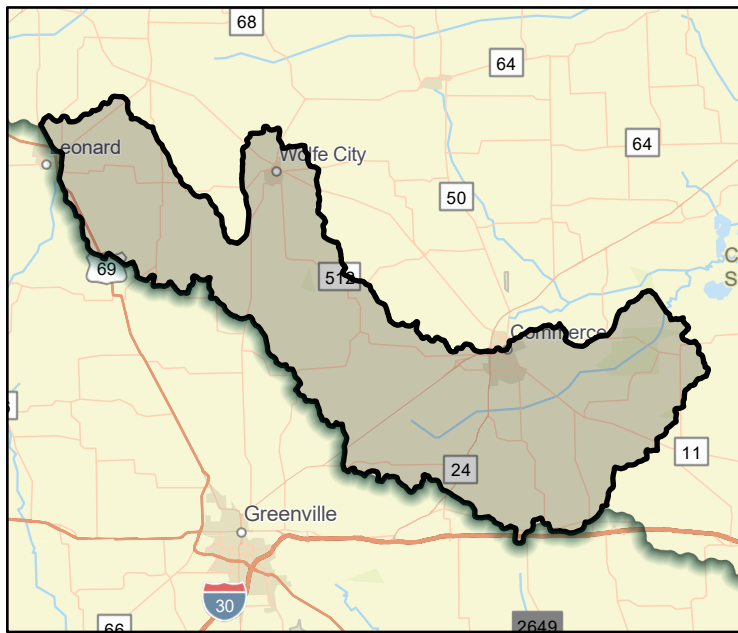
Farm/Ranch land impacted (acres) **2,977** Roadway(s) impacted (length) **49**

Number of low water crossings **0** Historical road closures **-99,999**

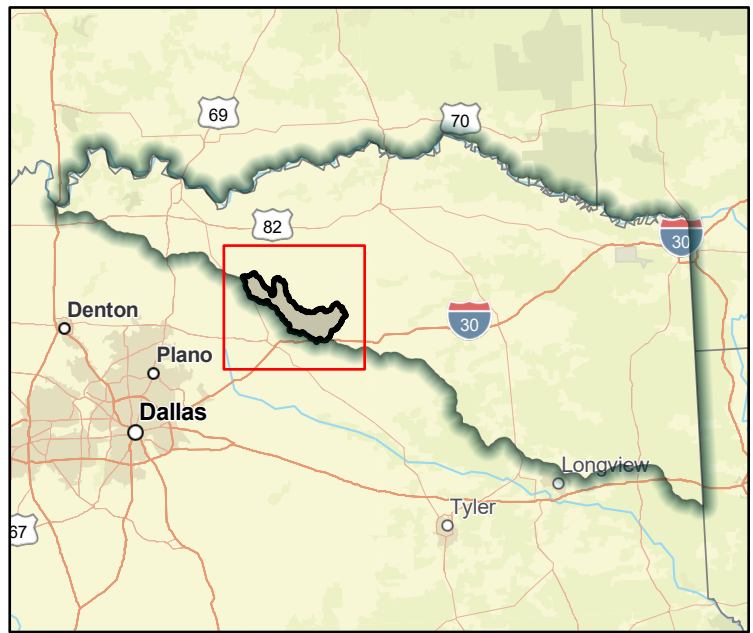
Estimated Cost and Funding Availability

Total Cost **\$550,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title

ID#

Sponsor (name of entity, not person)

RFPG recommend? Yes Reason for Recommendation

Study Details

Study type

Study description

New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes

County Watershed HUC# (if known)

Drainage area (Square miles, est.) Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

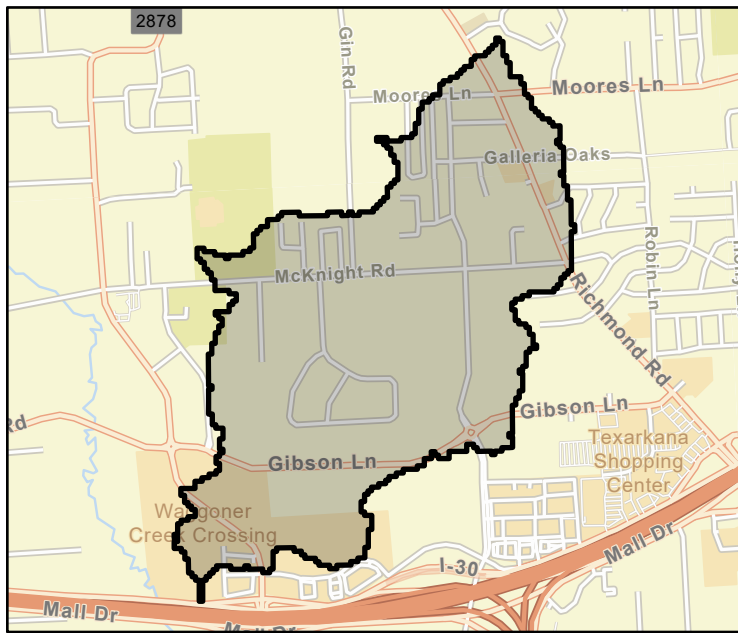
Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

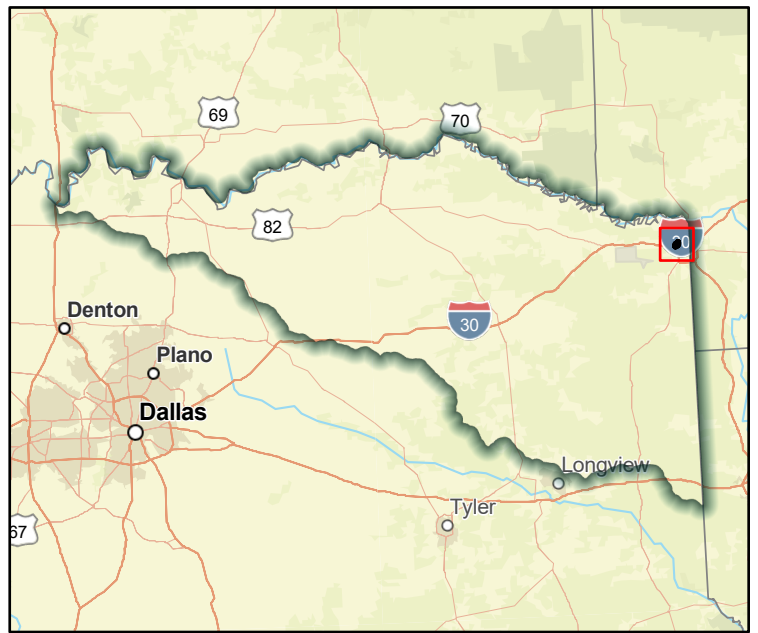
Estimated Cost and Funding Availability

Total Cost Amount of Available Funding Federal funding availability

Funding source



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Sulphur River (Main Stem) Log Jams**

ID# **021000020**

Sponsor (name of entity, not person) **Sulphur River Basin Authority**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Study Details

Study type **Preparedness**

Study description **Log and debris jams along Sulphur River near Highway 37**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **No**

County **Franklin,Hopkins,Delta** Watershed HUC# (if known) **111403010407,111403030202,111403030204,111403020102,111403020**

Drainage area (Square miles, est.) **67** Goal(s) **02005003, 02005004**

100-Year Flood Risk Summary

Population at risk **26** # of structures **23** Critical facilities **1**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **2,524** Roadway(s) impacted (length) **6**

Number of low water crossings **0** Historical road closures **-99,999**

Estimated Cost and Funding Availability

Total Cost **\$550,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Titus County FIS

ID# 021000010

Sponsor (name of entity, not person) Titus County

RFPG recommend? Yes Reason for Recommendation Increases mapping coverage

Study Details

Study type Watershed Planning

Study description Update County maps to Zone AE

New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No

County Titus Watershed HUC# (if known)

Drainage area (Square miles, est.) 425 Goal(s) 02003001, 02003002

100-Year Flood Risk Summary

Population at risk 2,178 # of structures 596 Critical facilities 8

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

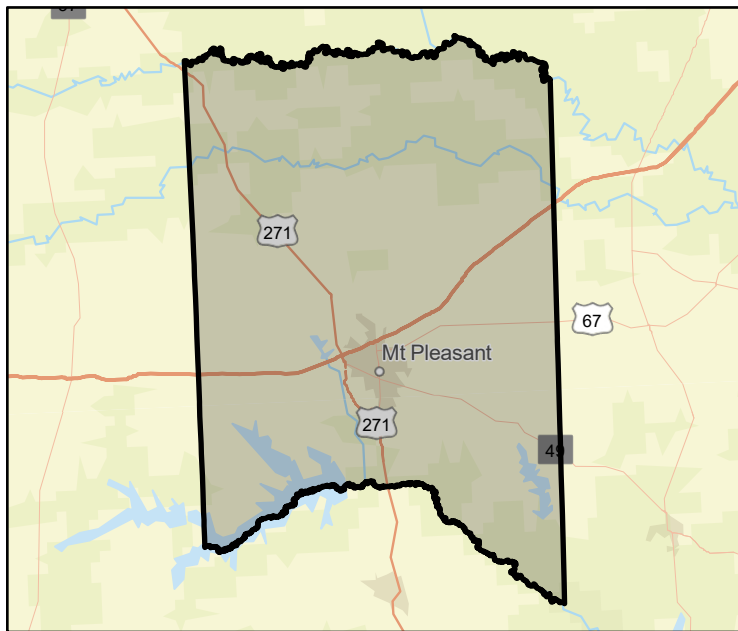
Farm/Ranch land impacted (acres) 1,570 Roadway(s) impacted (length) 87

Number of low water crossings 9 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$1,219,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title

ID#

Sponsor (name of entity, not person)

RFPG recommend? Yes Reason for Recommendation

Study Details

Study type

Study description

New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No

County Watershed HUC# (if known)

Drainage area (Square miles, est.) Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

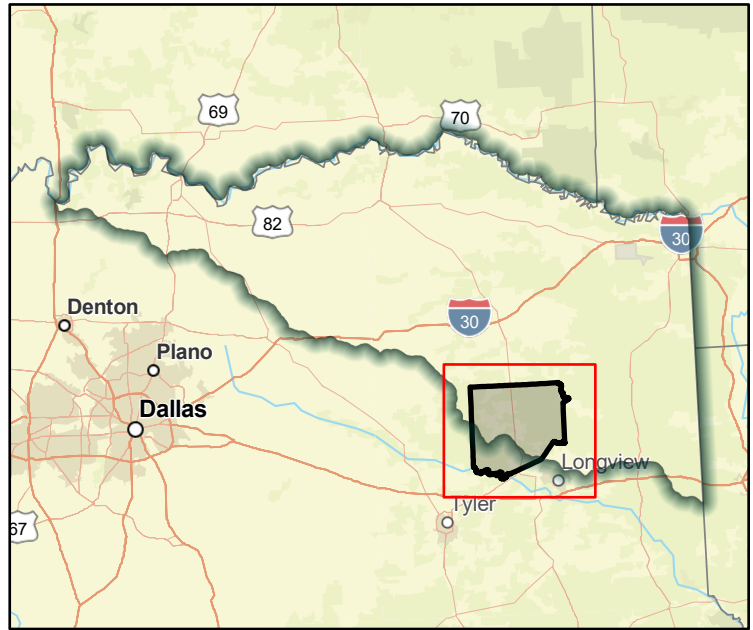
Estimated Cost and Funding Availability

Total Cost Amount of Available Funding Federal funding availability

Funding source



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title

ID#

Sponsor (name of entity, not person)

RFPG recommend? Yes Reason for Recommendation

Study Details

Study type

Study description

New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No

County Watershed HUC# (if known)

Drainage area (Square miles, est.) Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

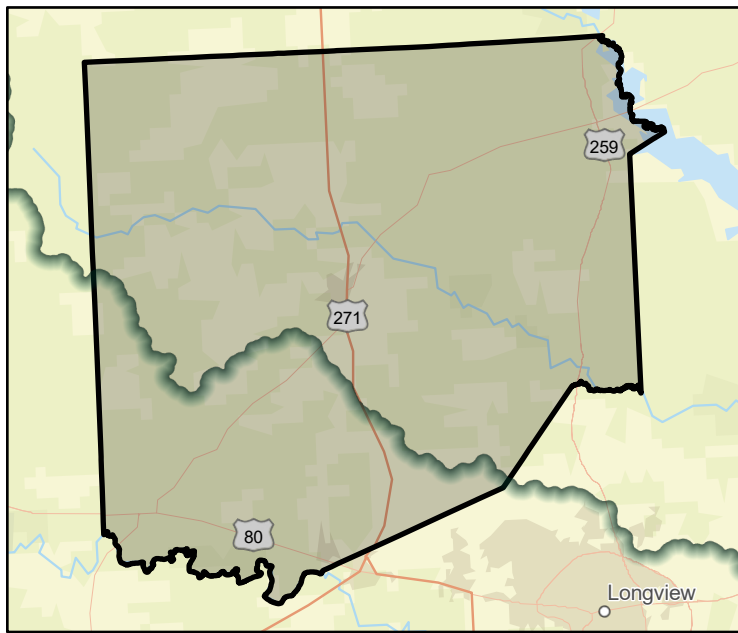
Farm/Ranch land impacted (acres) Roadway(s) impacted (length)

Number of low water crossings Historical road closures

Estimated Cost and Funding Availability

Total Cost Amount of Available Funding Federal funding availability No

Funding source



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Urban Flooding at 19th and Wood Street**

ID# **021000034**

Sponsor (name of entity, not person) **City of Texarkana**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

Study Details

Study type **Project Planning**

Study description **Flood study to define flood risk and mitigation options. Houses flood 4-5 times per year.**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Bowie** Watershed HUC# (if known) **111402010201,111403020704,111403020705**

Drainage area (Square miles, est.) **5** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **1,229** # of structures **226** Critical facilities **6**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

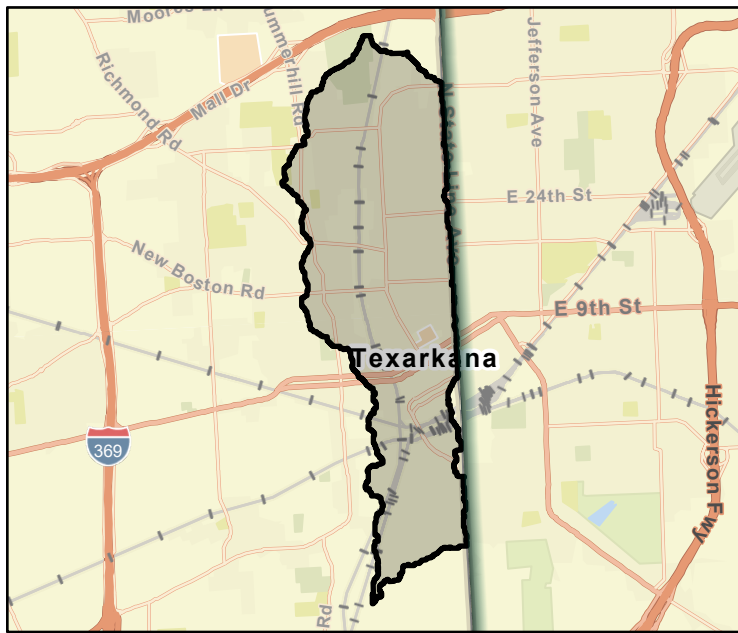
Farm/Ranch land impacted (acres) **4** Roadway(s) impacted (length) **10**

Number of low water crossings **0** Historical road closures **-99,999**

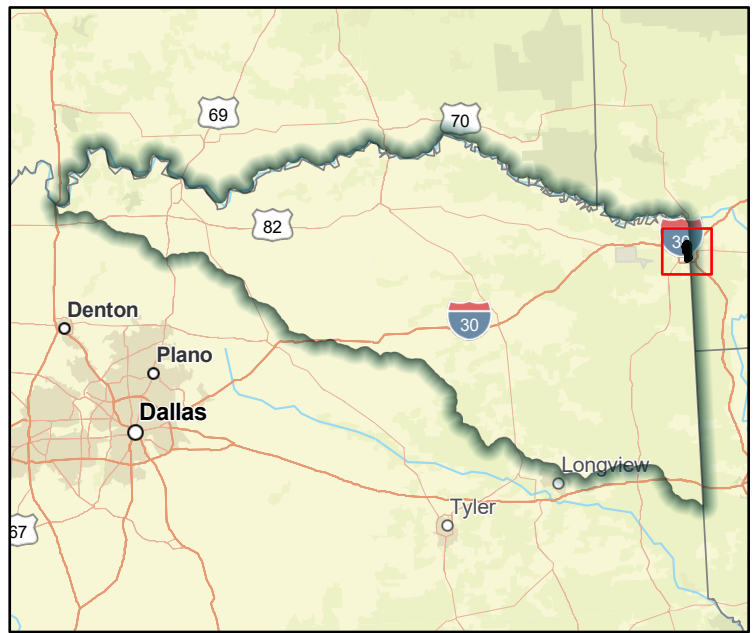
Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Wadley Hospital Flood Study**

ID# **021000033**

Sponsor (name of entity, not person) **City of Texarkana**

RFPG recommend? **Yes** Reason for Recommendation **Increases mapping coverage**

Study Details

Study type **Project Planning**

Study description **Flood study to define flood risk and mitigation options.**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Bowie** Watershed HUC# (if known) **111402010201,111403020704,111403020705**

Drainage area (Square miles, est.) **5** Goal(s) **02003001, 02003002**

100-Year Flood Risk Summary

Population at risk **1,229** # of structures **226** Critical facilities **6**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

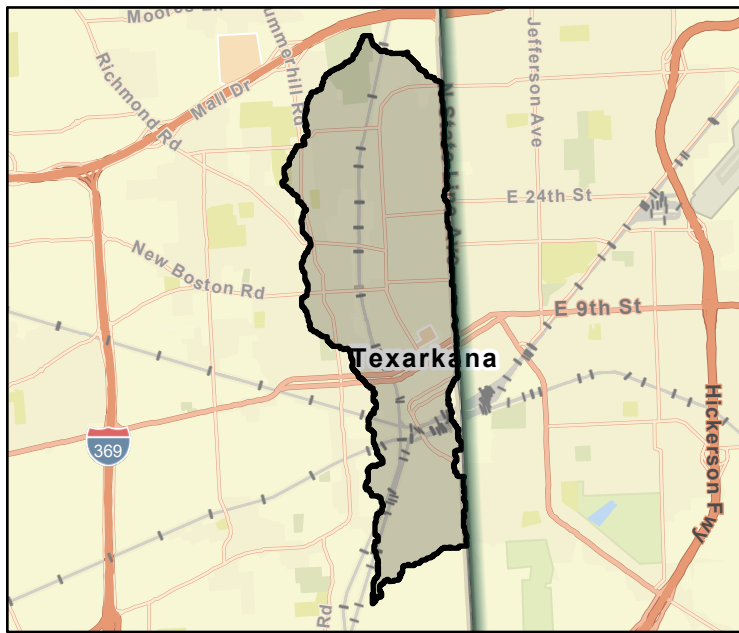
Farm/Ranch land impacted (acres) **4** Roadway(s) impacted (length) **10**

Number of low water crossings **0** Historical road closures **-99,999**

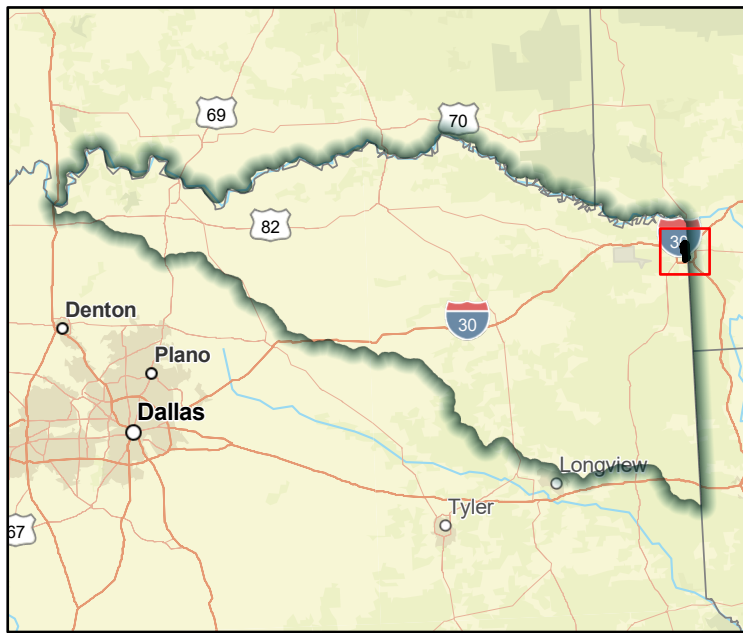
Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Mitigation Project (FMP)



Title **Ferguson Park Improvements**

ID# **023000001** Sponsor **City of Texarkana**

RFPG recommend? **Yes** Reason for Recommendation **Reduces flooding risks**

Project Description

Improvements to existing culverts and channelization

Watershed HUC# (if known) **111402010201,111403020704,11140106060** Emergency Need? **No**

Drainage area (mi² est.) **41**

Associated FME's **-** County **Bowie**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Population at risk **2,373** # of structures **387** Critical facilities **5**

Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **18**

Number of low water crossings **6** Historical road closures **715**

100-Year Flood Risk Reduction

Population removed from 100-yr **330** # of structures removed from 100-yr **57**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **2** Low water crossings removed from 100-yr **0**

Other benefits **Recreational benefits** Reduction in # of road closures over 10 years **210**

Impacts

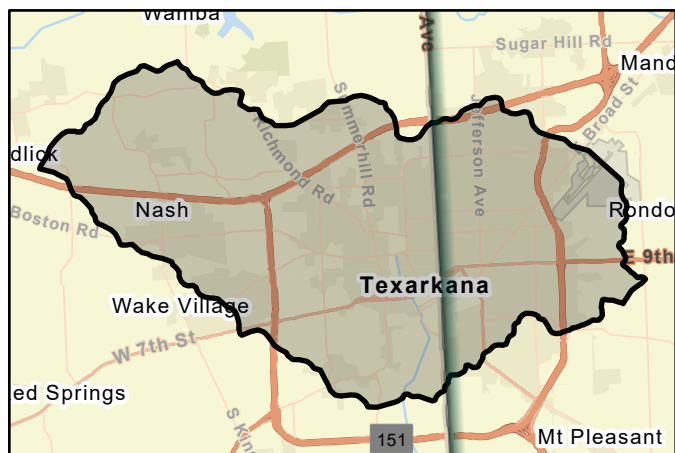
Negative impacts? **No** Negative impacts description **No negative impact**

Water supply contributions? **No** Water supply contribution description **-**

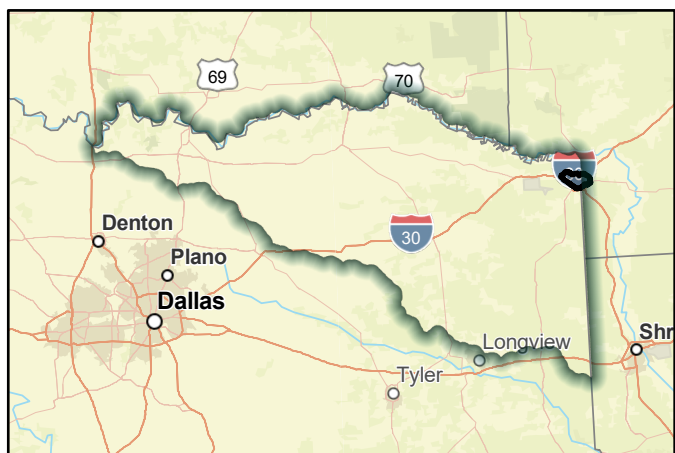
Estimated Cost

Project Cost **\$11,983,000** % Nature-Based **0** BCR **0**

Recurring costs **0** Issues **Utility conflicts and easement acquisition**



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



Title **Stream WC-2 Independence Circle & Lexington Place Bridge Improvements**

ID# **023000003** Sponsor **City of Texarkana**

RFPG recommend? **Yes** Reason for Recommendation **Reduces flooding risks**

Project Description

Replace culverts at Independence Circle and Lexington Place.

Watershed HUC# (if known) **111402010201,111403020704** Emergency Need? **No**

Drainage area (mi² est.) **1**

Associated FME's **-** County **Bowie**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Population at risk **71** # of structures **23** Critical facilities **0**

Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

Number of low water crossings **0** Historical road closures **31**

100-Year Flood Risk Reduction

Population removed from 100-yr **19** # of structures removed from 100-yr **6**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **Recreational benefits** Reduction in # of road closures over 10 years **0**

Impacts

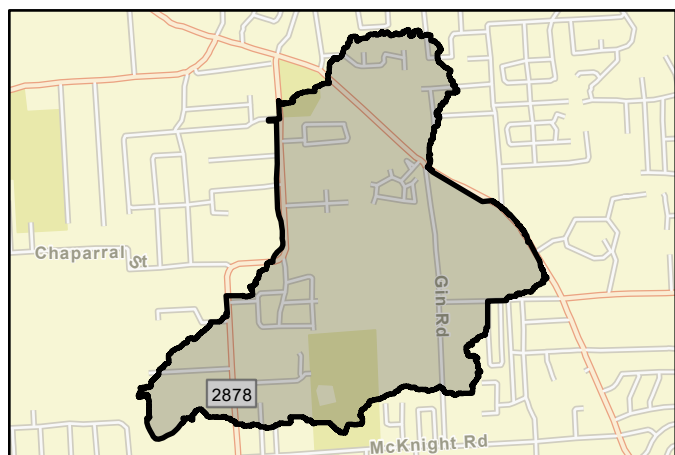
Negative impacts? **No** Negative impacts description **No negative impact**

Water supply contributions? **No** Water supply contribution description **-**

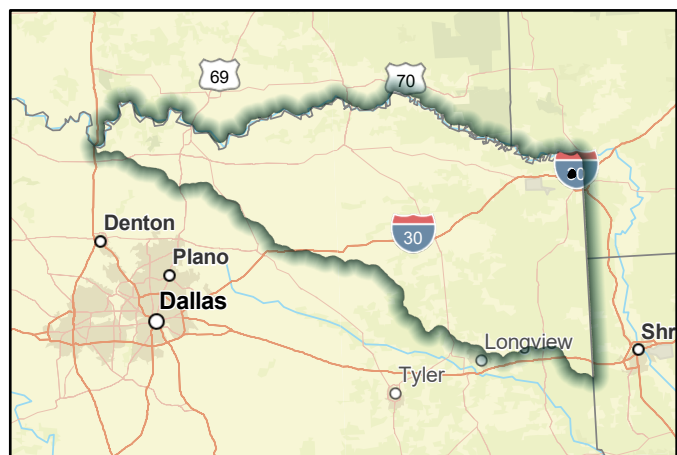
Estimated Cost

Project Cost **\$540,000** % Nature-Based **0** BCR **1**

Recurring costs **26000** Issues **No significant implementation issues**



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



Title **Wagner Channel/Overbank Clearing**

ID# **023000002** Sponsor **City of Texarkana**

RFPG recommend? **Yes** Reason for Recommendation **Reduces flooding risks**

Project Description

Removal of all trees and brush within proposed corridor along Wagner Creek

Watershed HUC# (if known) **111402010201,111403020704,11140106060** Emergency Need? **No**

Drainage area (mi² est.) **27**

Associated FME's **-** County **Bowie**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Population at risk **2,066** # of structures **305** Critical facilities **2**

Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **18**

Number of low water crossings **6** Historical road closures **715**

100-Year Flood Risk Reduction

Population removed from 100-yr **305** # of structures removed from 100-yr **44**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **2** Low water crossings removed from 100-yr **0**

Other benefits **Recreational benefits** Reduction in # of road closures over 10 years **209**

Impacts

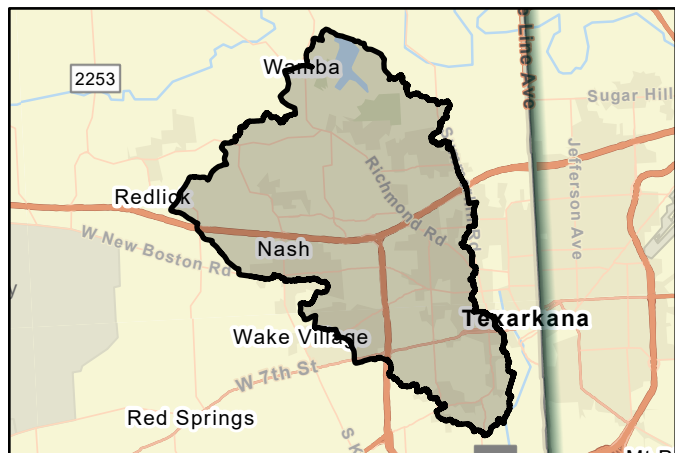
Negative impacts? **No** Negative impacts description **No negative impact**

Water supply contributions? **No** Water supply contribution description **-**

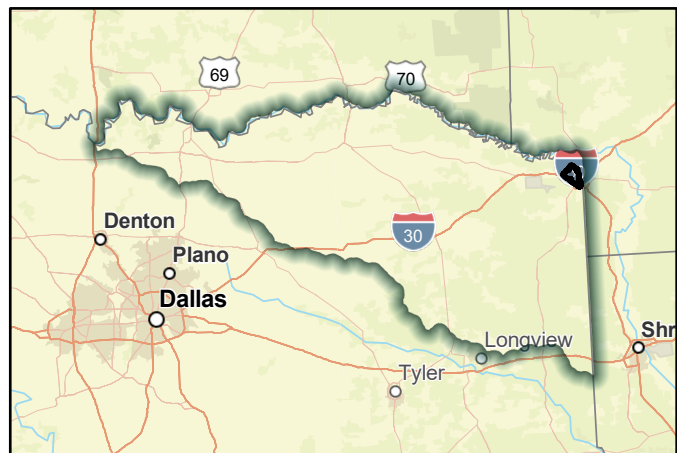
Estimated Cost

Project Cost **\$978,000** % Nature-Based **0** BCR **1**

Recurring costs **15000** Issues **No significant implementation issues**



FMP area



Regional view of FMP area

Flood Management Strategy (FMS)

**LOWER RED-SULPHUR-CYPRESS
REGIONAL FLOOD
PLANNING GROUP
REGION 2**

Title **Bowie County NFIP Involvement**

ID# **022000012** Sponsor **Bowie County**

RFPG recommend? **Yes** Reason for Recommendation **Improves understanding of flood risk, reduces future risks, and makes flood insurance available**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adoption of equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	920
Watershed HUC# (if known)		County	Bowie

Existing 100-Year Flood Risk

Population at risk	9,746	# of structures	2,657	Critical facilities	19
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	30,919	Roadway(s) impacted (miles)	314		
Number of low water crossings	7	Historical road closures	-99,999		

100-Year Flood Risk Reduction

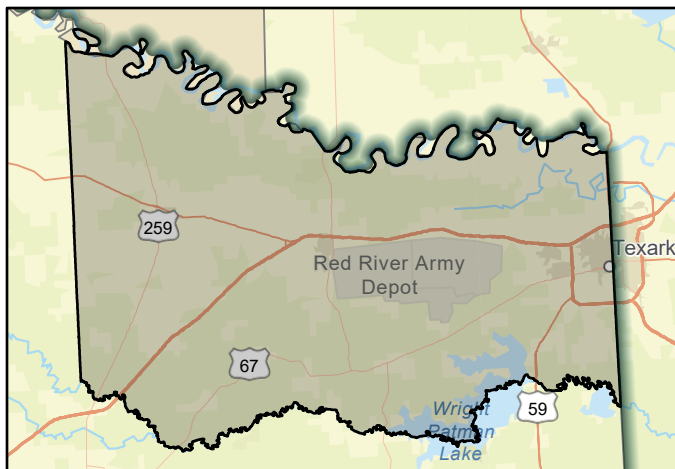
Population removed from 100-yr	-99,999	# of structures removed from 100-yr	-99,999
Critical facilities removed from 100-yr	-99,999	Farm/Ranch land removed from 100-yr (acres)	-99,999
Road removed from 100-yr (miles)	-99,999	Low water crossings removed from 100-yr	-99,999
Other benefits	None	Reduction in # of road closures over 10 years	-99,999

Impacts

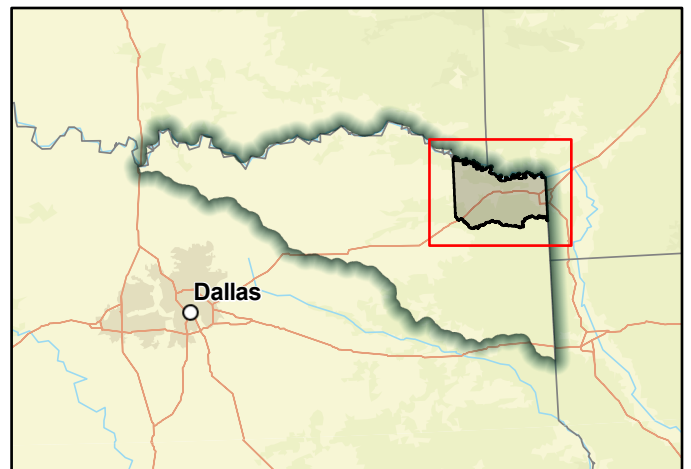
Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-	% Nature-Based	0
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Camp County NFIP Involvement**

ID# **022000013** Sponsor **Camp County**

RFPG recommend? **Yes** Reason for Recommendation **Improves understanding of flood risk, reduces future risks, and makes flood insurance available**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adoption of equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	203
Watershed HUC# (if known)	111403050203,111403050201,111403050310,111403050302,1114030502		County
			Camp

Existing 100-Year Flood Risk

Population at risk	619	# of structures	256	Critical facilities	4
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	359	Roadway(s) impacted (miles)	30		
Number of low water crossings	1	Historical road closures	-99,999		

100-Year Flood Risk Reduction

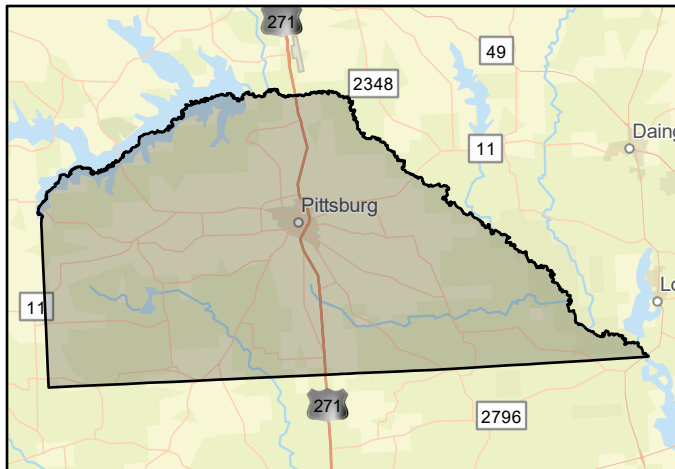
Population removed from 100-yr	-99,999	# of structures removed from 100-yr	-99,999
Critical facilities removed from 100-yr	-99,999	Farm/Ranch land removed from 100-yr (acres)	-99,999
Road removed from 100-yr (miles)	-99,999	Low water crossings removed from 100-yr	-99,999
Other benefits	None	Reduction in # of road closures over 10 years	-99,999

Impacts

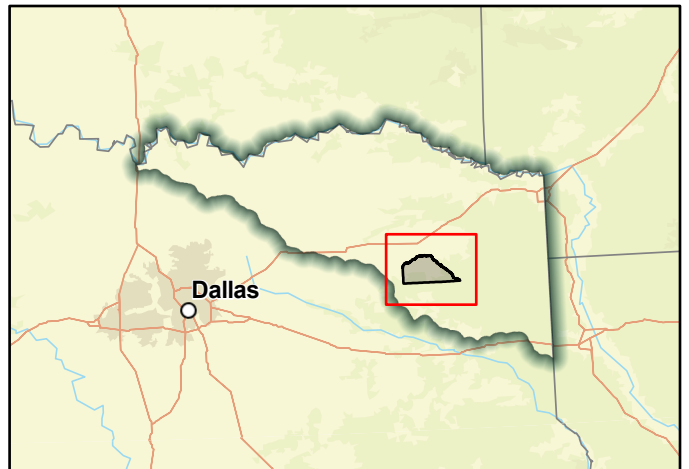
Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-	% Nature-Based	0
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Cass County NFIP Involvement**

ID# **022000014** Sponsor **Cass County**

RFPG recommend? **Yes** Reason for Recommendation **Improves understanding of flood risk, reduces future risks, and makes flood insurance available**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adoption of equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	957
Watershed HUC# (if known)		County	Cass

Existing 100-Year Flood Risk

Population at risk	2,148	# of structures	574	Critical facilities	12
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	859	Roadway(s) impacted (miles)	160		
Number of low water crossings	7	Historical road closures	-99,999		

100-Year Flood Risk Reduction

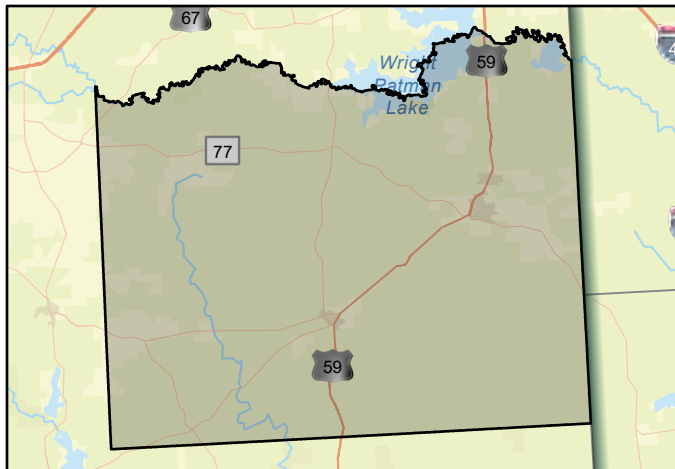
Population removed from 100-yr	-99,999	# of structures removed from 100-yr	-99,999
Critical facilities removed from 100-yr	-99,999	Farm/Ranch land removed from 100-yr (acres)	-99,999
Road removed from 100-yr (miles)	-99,999	Low water crossings removed from 100-yr	-99,999
Other benefits	None	Reduction in # of road closures over 10 years	-99,999

Impacts

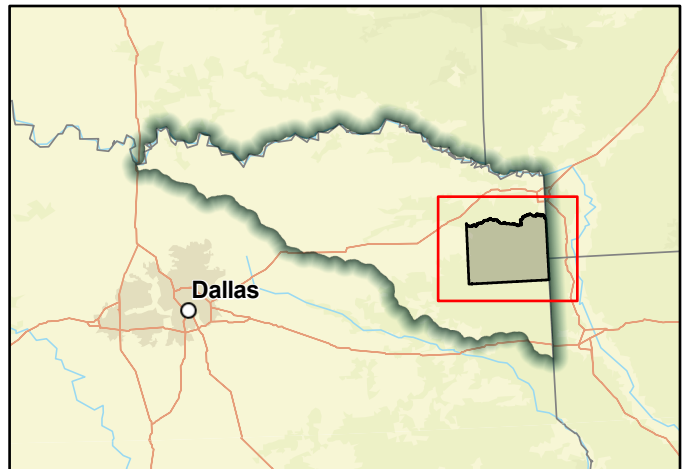
Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-	% Nature-Based	0
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type	<input type="text" value="Regulatory and Guidance"/>		
Strategy description	<input type="text" value="Application to join NFIP or adoption of equivalent standards"/>		
Associated FME's	<input type="text" value="-"/>	Associated FMP's	<input type="text" value="-"/>
Associated FMS's	<input type="text" value="-"/>	Drainage area (mi ² , est.)	<input type="text" value="2"/>
Watershed HUC# (if known)	<input type="text" value="111403050405,111403060206,111403060207"/>		County
			<input type="text" value="Cass"/>

Existing 100-Year Flood Risk

Population at risk	<input type="text" value="8"/>	# of structures	<input type="text" value="1"/>	Critical facilities	<input type="text" value="0"/>
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	<input type="text" value="0"/>		Roadway(s) impacted (miles)	<input type="text" value="1"/>	
Number of low water crossings	<input type="text" value="0"/>		Historical road closures	<input type="text" value="-99,999"/>	

100-Year Flood Risk Reduction

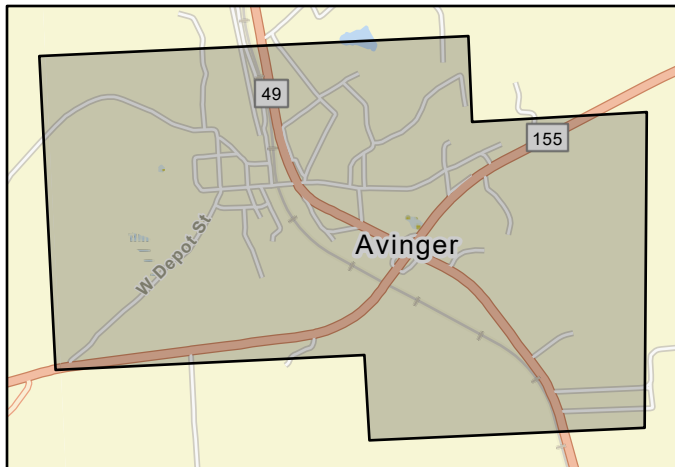
Population removed from 100-yr	<input type="text" value="-99,999"/>	# of structures removed from 100-yr	<input type="text" value="-99,999"/>
Critical facilities removed from 100-yr	<input type="text" value="-99,999"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="-99,999"/>
Road removed from 100-yr (miles)	<input type="text" value="-99,999"/>	Low water crossings removed from 100-yr	<input type="text" value="-99,999"/>
Other benefits	<input type="text" value="None"/>	Reduction in # of road closures over 10 years	<input type="text" value="-99,999"/>

Impacts

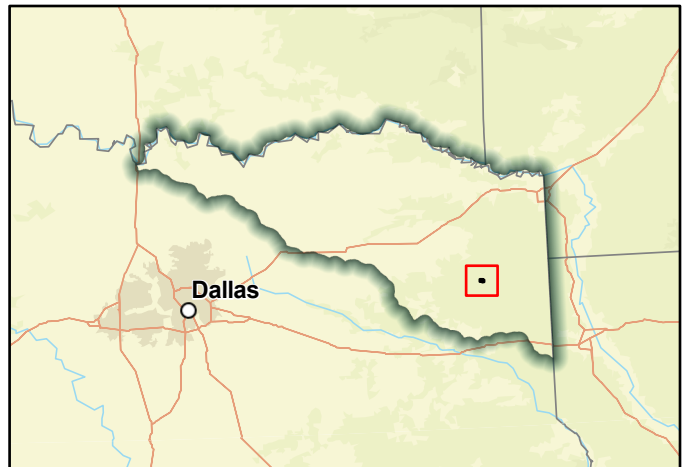
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	<input type="text" value="No negative impact"/>
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	<input type="text" value="-"/>

Estimated Cost

Strategy Cost	<input type="text" value="\$100,000"/>	Amount of available funding	<input type="text" value="\$-"/>	% Nature-Based	<input type="text" value="0"/>
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

LOWER RED-SULPHUR-CYPRESS
**REGIONAL FLOOD
 PLANNING GROUP**
 REGION 2

Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type
 Strategy description
 Associated FME's Associated FMP's
 Associated FMS's
 Watershed HUC# (if known) Drainage area (mi², est.)
 County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)
 Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

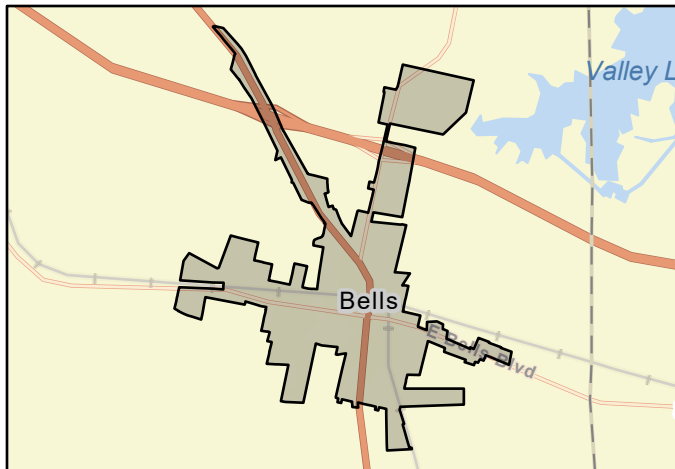
Population removed from 100-yr # of structures removed from 100-yr
 Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)
 Road removed from 100-yr (miles) Low water crossings removed from 100-yr
 Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? No Negative impacts description
 Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

LOWER RED-SULPHUR-CYPRESS
**REGIONAL FLOOD
 PLANNING GROUP**
 REGION 2

Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

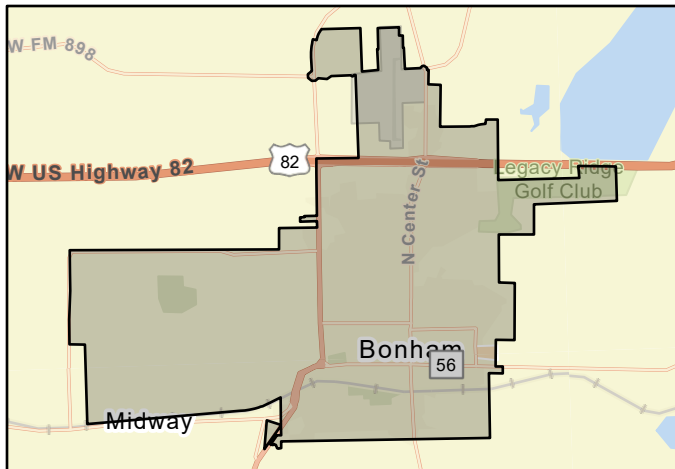
Impacts

Negative impacts? No Negative impacts description

Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Commerce CRS Involvement**

ID# **022000031** Sponsor **City of Commerce**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Become an NFIP Community Rating System (CRS) Community**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **111403010105,111403010104,111403010106,111403010202,1114030102** Drainage area (mi², est.) **8**

County **Hunt**

Existing 100-Year Flood Risk

Population at risk **1,179** # of structures **79** Critical facilities **1**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **66** Roadway(s) impacted (miles) **10**

Number of low water crossings **0** Historical road closures **-99,999**

100-Year Flood Risk Reduction

Population removed from 100-yr **-99,999** # of structures removed from 100-yr **-99,999**

Critical facilities removed from 100-yr **-99,999** Farm/Ranch land removed from 100-yr (acres) **-99,999**

Road removed from 100-yr (miles) **-99,999** Low water crossings removed from 100-yr **-99,999**

Other benefits **None** Reduction in # of road closures over 10 years **-99,999**

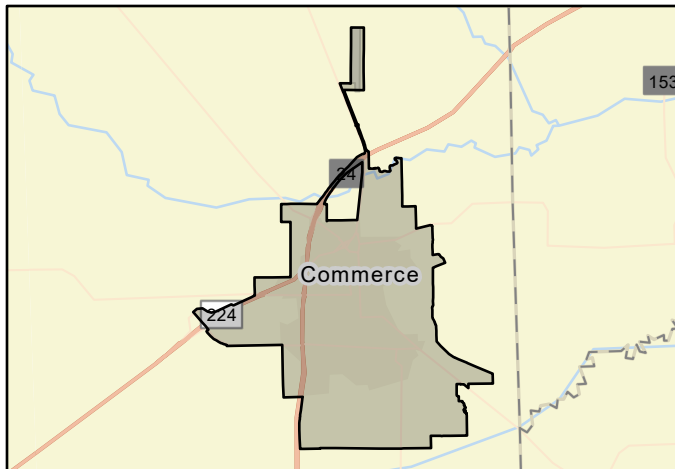
Impacts

Negative impacts? **No** Negative impacts description **No negative impact**

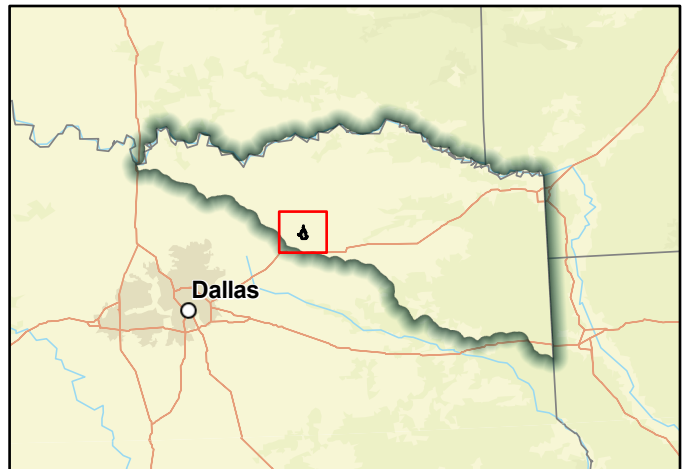
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

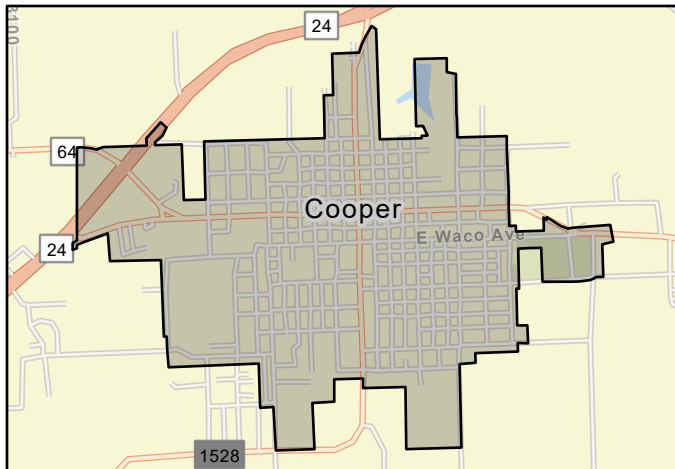
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

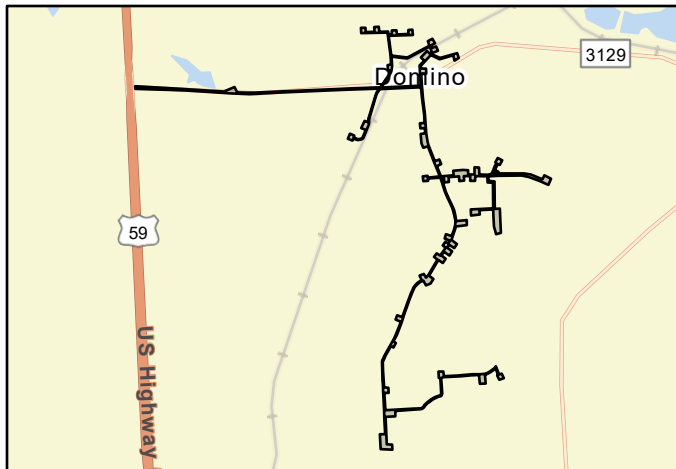
Impacts

Negative impacts? No Negative impacts description

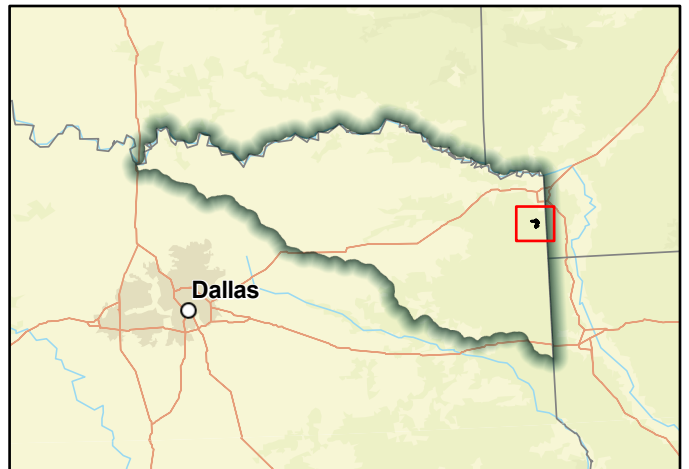
Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? No Negative impacts description

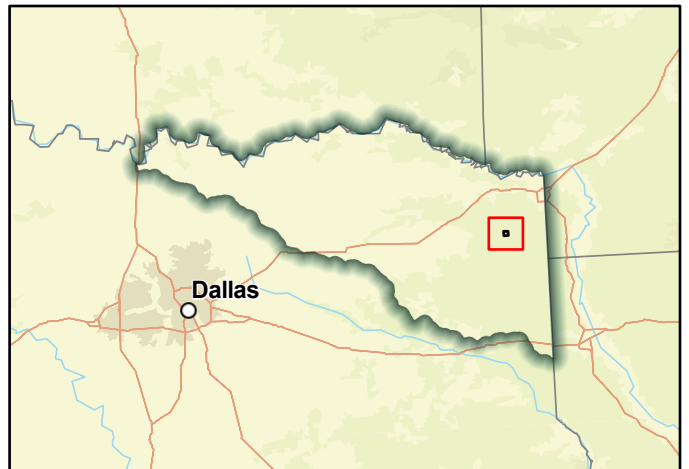
Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type	<input type="text" value="Regulatory and Guidance"/>		
Strategy description	<input type="text" value="Application to join NFIP or adoption of equivalent standards"/>		
Associated FME's	<input type="text" value="-"/>	Associated FMP's	<input type="text" value="-"/>
Associated FMS's	<input type="text" value="-"/>	Drainage area (mi ² , est.)	<input type="text" value="1"/>
Watershed HUC# (if known)	<input type="text" value="111403060202"/>	County	<input type="text" value="Cass"/>

Existing 100-Year Flood Risk

Population at risk	<input type="text" value="0"/>	# of structures	<input type="text" value="1"/>	Critical facilities	<input type="text" value="0"/>
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	<input type="text" value="0"/>	Roadway(s) impacted (miles)	<input type="text" value="0"/>		
Number of low water crossings	<input type="text" value="0"/>	Historical road closures	<input type="text" value="-99,999"/>		

100-Year Flood Risk Reduction

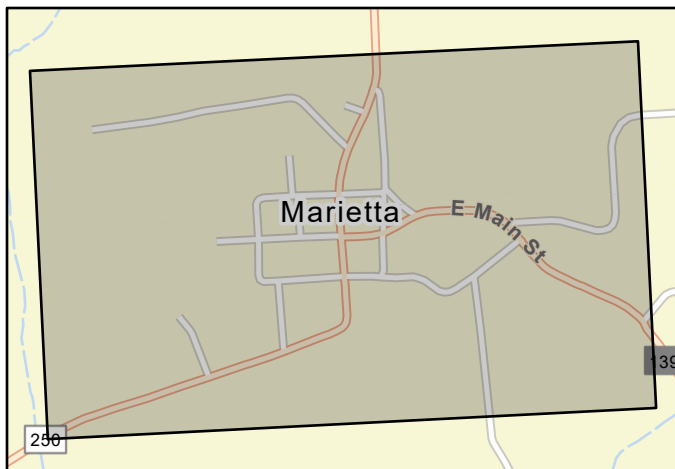
Population removed from 100-yr	<input type="text" value="-99,999"/>	# of structures removed from 100-yr	<input type="text" value="-99,999"/>
Critical facilities removed from 100-yr	<input type="text" value="-99,999"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="-99,999"/>
Road removed from 100-yr (miles)	<input type="text" value="-99,999"/>	Low water crossings removed from 100-yr	<input type="text" value="-99,999"/>
Other benefits	<input type="text" value="None"/>	Reduction in # of road closures over 10 years	<input type="text" value="-99,999"/>

Impacts

Negative impacts?	<input type="checkbox"/> No	Negative impacts description	<input type="text" value="No negative impact"/>
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	<input type="text" value="-"/>

Estimated Cost

Strategy Cost	<input type="text" value="\$100,000"/>	Amount of available funding	<input type="text" value="\$-"/>	% Nature-Based	<input type="text" value="0"/>
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

LOWER RED-SULPHUR-CYPRESS
**REGIONAL FLOOD
 PLANNING GROUP**
 REGION 2

Title **City of Sadler Lift Station Flood-Proofing**

ID# **022000074** Sponsor **City of Sadler**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Raise electrical panels and connections on lift stations above expected flood levels in flood-prone areas.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **111302100401** Drainage area (mi², est.) **1**

County **Grayson**

Existing 100-Year Flood Risk

Population at risk **2** # of structures **6** Critical facilities **0**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **3** Roadway(s) impacted (miles) **1**

Number of low water crossings **0** Historical road closures **-99,999**

100-Year Flood Risk Reduction

Population removed from 100-yr **-99,999** # of structures removed from 100-yr **-99,999**

Critical facilities removed from 100-yr **-99,999** Farm/Ranch land removed from 100-yr (acres) **-99,999**

Road removed from 100-yr (miles) **-99,999** Low water crossings removed from 100-yr **-99,999**

Other benefits **None** Reduction in # of road closures over 10 years **-99,999**

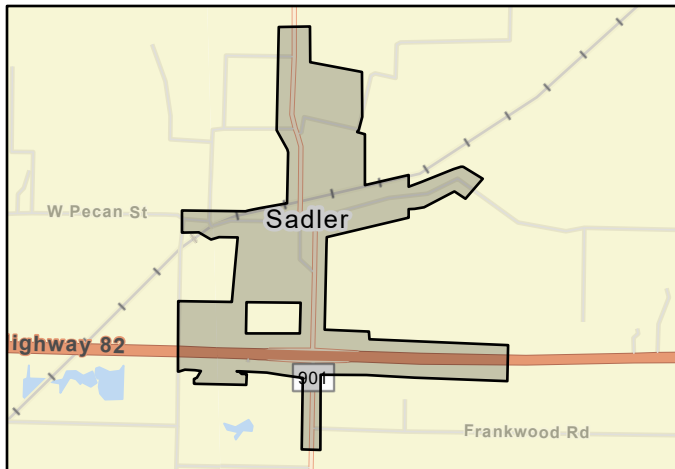
Impacts

Negative impacts? **No** Negative impacts description **No negative impact**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

**LOWER RED-SULPHUR-CYPRESS
REGIONAL FLOOD
PLANNING GROUP
REGION 2**

Title **City of Sherman Emergency Alerts**

ID# **022000052** Sponsor **City of Sherman**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Maintain and Operate Early Alert System - an outdoor warning system composed of nine sirens throughout the City. Public announcements through the reverse telephonic system and through broadcasting local cable channels.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301060201,111302100402,111302100403,111401010106,1114010101** Drainage area (mi², est.) **46**

County **Grayson**

Existing 100-Year Flood Risk

Population at risk **7,004** # of structures **772** Critical facilities **5**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **381** Roadway(s) impacted (miles) **39**

Number of low water crossings **2** Historical road closures **-99,999**

100-Year Flood Risk Reduction

Population removed from 100-yr **-99,999** # of structures removed from 100-yr **-99,999**

Critical facilities removed from 100-yr **-99,999** Farm/Ranch land removed from 100-yr (acres) **-99,999**

Road removed from 100-yr (miles) **-99,999** Low water crossings removed from 100-yr **-99,999**

Other benefits **None** Reduction in # of road closures over 10 years **-99,999**

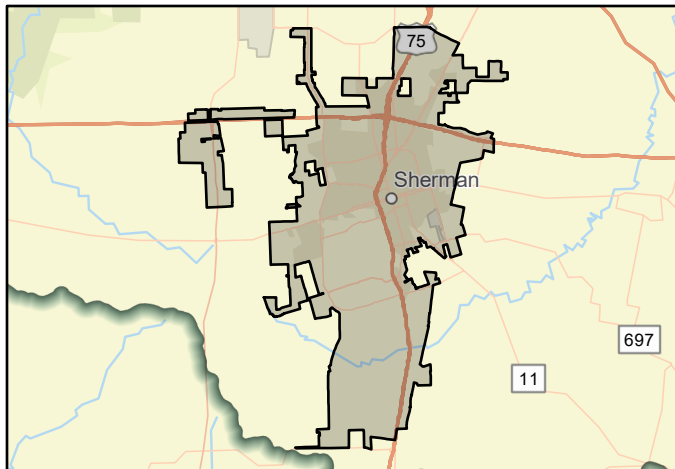
Impacts

Negative impacts? **No** Negative impacts description **No negative impact**

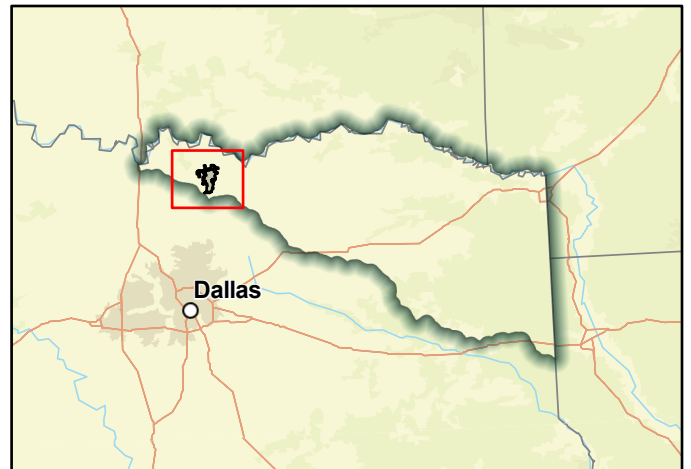
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$250,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

**LOWER RED-SULPHUR-CYPRESS
REGIONAL FLOOD
PLANNING GROUP
REGION 2**

Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

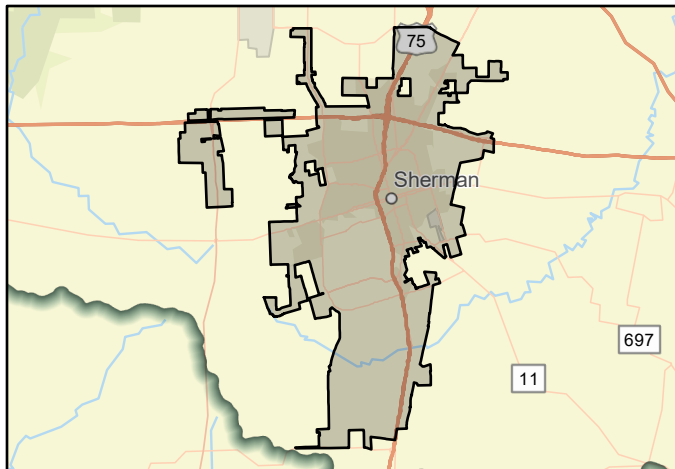
Impacts

Negative impacts? No Negative impacts description

Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

LOWER RED-SULPHUR-CYPRESS
**REGIONAL FLOOD
 PLANNING GROUP**
 REGION 2

Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type
 Strategy description
 Associated FME's Associated FMP's
 Associated FMS's
 Watershed HUC# (if known) Drainage area (mi², est.)
 County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)
 Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

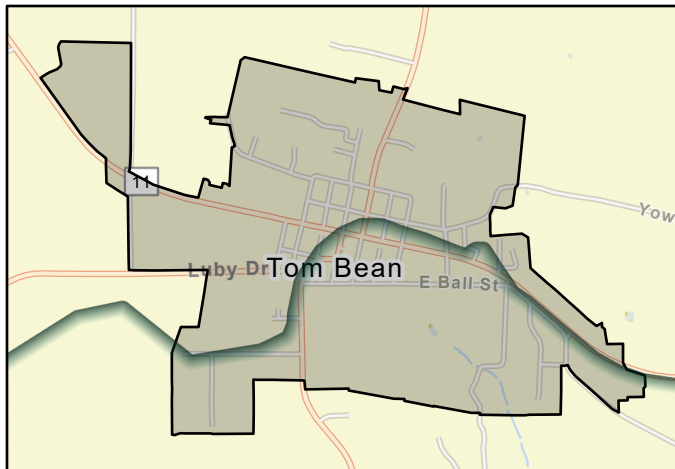
Population removed from 100-yr # of structures removed from 100-yr
 Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)
 Road removed from 100-yr (miles) Low water crossings removed from 100-yr
 Other benefits Reduction in # of road closures over 10 years

Impacts

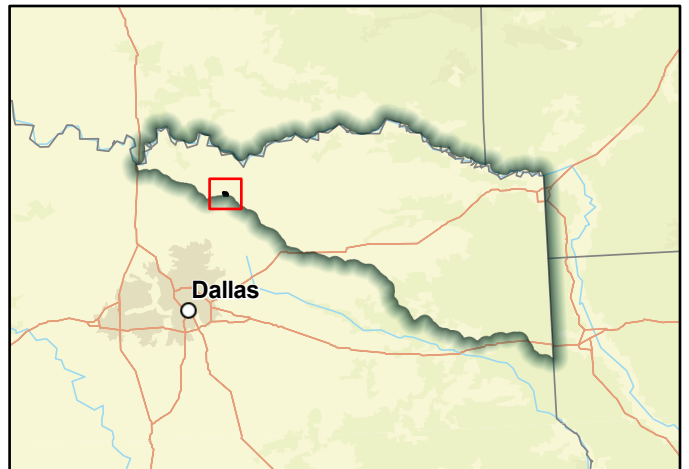
Negative impacts? No Negative impacts description
 Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

LOWER RED-SULPHUR-CYPRESS
**REGIONAL FLOOD
 PLANNING GROUP**
 REGION 2

Title **City of Whitewright CRS Involvement**

ID# **022000032** Sponsor **City of Whitewright**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Become an NFIP Community Rating System (CRS) Community**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301060104,111401010501** Drainage area (mi², est.) **2**

County **Grayson**

Existing 100-Year Flood Risk

Population at risk **299** # of structures **17** Critical facilities **1**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **6** Roadway(s) impacted (miles) **1**

Number of low water crossings **0** Historical road closures **-99,999**

100-Year Flood Risk Reduction

Population removed from 100-yr **-99,999** # of structures removed from 100-yr **-99,999**

Critical facilities removed from 100-yr **-99,999** Farm/Ranch land removed from 100-yr (acres) **-99,999**

Road removed from 100-yr (miles) **-99,999** Low water crossings removed from 100-yr **-99,999**

Other benefits **None** Reduction in # of road closures over 10 years **-99,999**

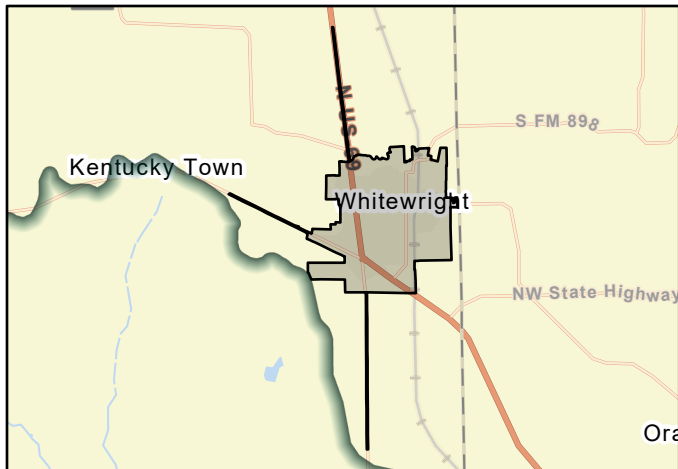
Impacts

Negative impacts? **No** Negative impacts description **No negative impact**

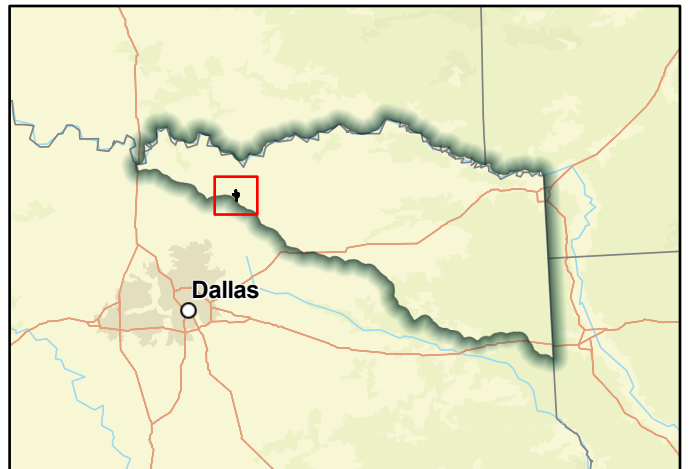
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

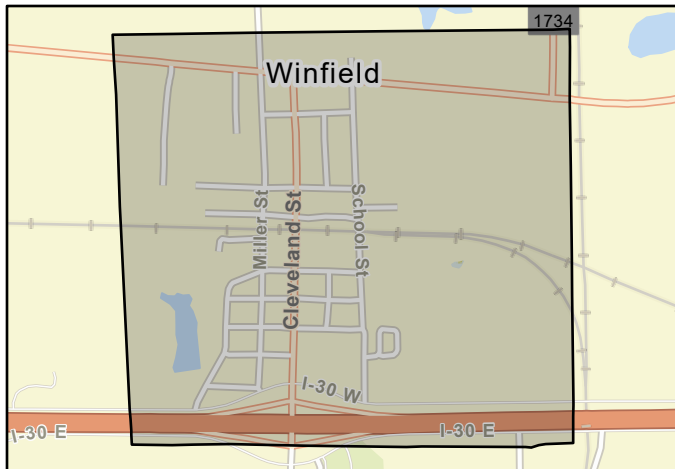
Impacts

Negative impacts? No Negative impacts description

Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

**LOWER RED-SULPHUR-CYPRESS
REGIONAL FLOOD
PLANNING GROUP
REGION 2**

Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type	<input type="text" value="Regulatory and Guidance"/>		
Strategy description	<input type="text" value="Application to join NFIP or adoption of equivalent standards"/>		
Associated FME's	<input type="text" value="-"/>	Associated FMP's	<input type="text" value="-"/>
Associated FMS's	<input type="text" value="-"/>	Drainage area (mi ² , est.)	<input type="text" value="1"/>
Watershed HUC# (if known)	<input type="text" value="111403010103"/>	County	<input type="text" value="Hunt"/>

Existing 100-Year Flood Risk

Population at risk	<input type="text" value="16"/>	# of structures	<input type="text" value="9"/>	Critical facilities	<input type="text" value="0"/>
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	<input type="text" value="0"/>	Roadway(s) impacted (miles)	<input type="text" value="0"/>		
Number of low water crossings	<input type="text" value="0"/>	Historical road closures	<input type="text" value="-99,999"/>		

100-Year Flood Risk Reduction

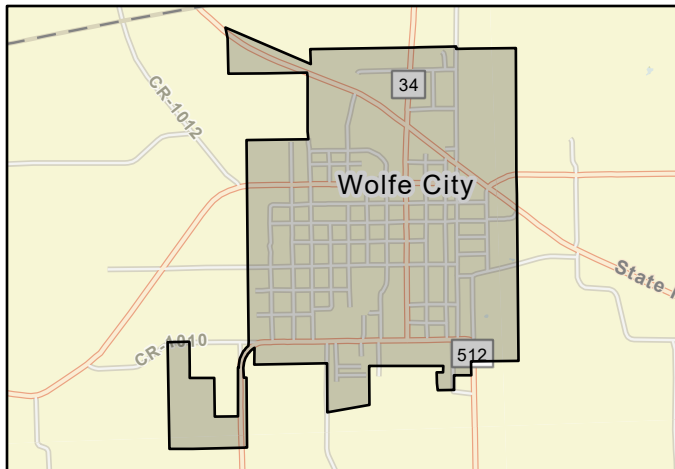
Population removed from 100-yr	<input type="text" value="-99,999"/>	# of structures removed from 100-yr	<input type="text" value="-99,999"/>
Critical facilities removed from 100-yr	<input type="text" value="-99,999"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="-99,999"/>
Road removed from 100-yr (miles)	<input type="text" value="-99,999"/>	Low water crossings removed from 100-yr	<input type="text" value="-99,999"/>
Other benefits	<input type="text" value="None"/>	Reduction in # of road closures over 10 years	<input type="text" value="-99,999"/>

Impacts

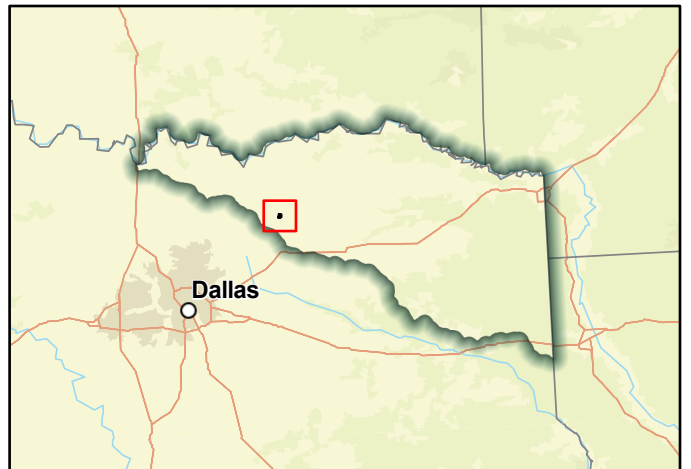
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	<input type="text" value="No negative impact"/>
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	<input type="text" value="-"/>

Estimated Cost

Strategy Cost	<input type="text" value="\$100,000"/>	Amount of available funding	<input type="text" value="\$-"/>	% Nature-Based	<input type="text" value="0"/>
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

LOWER RED-SULPHUR-CYPRESS
**REGIONAL FLOOD
 PLANNING GROUP**
 REGION 2

Title **Creation of Region Wide Stormwater Management Manual**

ID# **022000083** Sponsor **Ark - Tex Council of Governments**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Creation of stormwater management manual and assistance to Region 2 communities for adoption.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **9,160**

County **Bowie, Camp, Cass,**

Existing 100-Year Flood Risk

Population at risk **51,360** # of structures **13,438** Critical facilities **159**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **180,986** Roadway(s) impacted (miles) **1,924**

Number of low water crossings **116** Historical road closures **-99,999**

100-Year Flood Risk Reduction

Population removed from 100-yr **-99,999** # of structures removed from 100-yr **-99,999**

Critical facilities removed from 100-yr **-99,999** Farm/Ranch land removed from 100-yr (acres) **-99,999**

Road removed from 100-yr (miles) **-99,999** Low water crossings removed from 100-yr **-99,999**

Other benefits **Environmental benefits** Reduction in # of road closures over 10 years **-99,999**

Impacts

Negative impacts? **No** Negative impacts description **No negative impact**

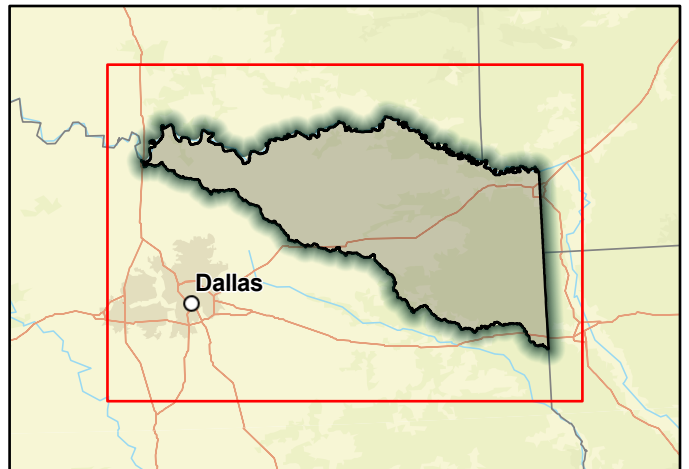
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$500,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Delta County NFIP Involvement**

ID# **022000016** Sponsor **Delta County**

RFPG recommend? **Yes** Reason for Recommendation **Improves understanding of flood risk, reduces future risks, and makes flood insurance available**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adoption of equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	277
Watershed HUC# (if known)	111403010106,111403010206,111403010407,111403010204,1114030104		County
			Delta

Existing 100-Year Flood Risk

Population at risk	85	# of structures	121	Critical facilities	2
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	14,658	Roadway(s) impacted (miles)	42		
Number of low water crossings	8	Historical road closures	-99,999		

100-Year Flood Risk Reduction

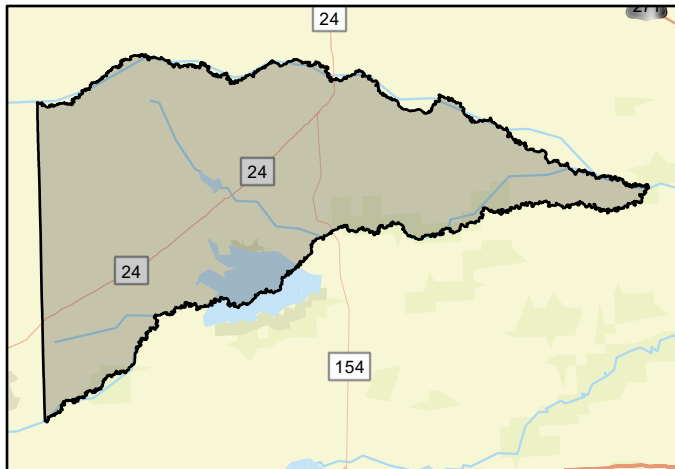
Population removed from 100-yr	-99,999	# of structures removed from 100-yr	-99,999
Critical facilities removed from 100-yr	-99,999	Farm/Ranch land removed from 100-yr (acres)	-99,999
Road removed from 100-yr (miles)	-99,999	Low water crossings removed from 100-yr	-99,999
Other benefits	None	Reduction in # of road closures over 10 years	-99,999

Impacts

Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-	% Nature-Based	0
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

LOWER RED-SULPHUR-CYPRESS
**REGIONAL FLOOD
 PLANNING GROUP**
 REGION 2

Title **Fannin County Floodplain Manager**

ID# **022000073** Sponsor **Fannin County**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Apply for assistance in establishing a Certified Countywide Floodplain Manager position. Funding for the continuation of the position would be from permit fees and local budgets. The focus of this role would be to mitigate flooding and protect the flood		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	897
Watershed HUC# (if known)		County	Fannin

Existing 100-Year Flood Risk

Population at risk	3,040	# of structures	1,077	Critical facilities	18
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	37,510	Roadway(s) impacted (miles)	170		
Number of low water crossings	26	Historical road closures	-99,999		

100-Year Flood Risk Reduction

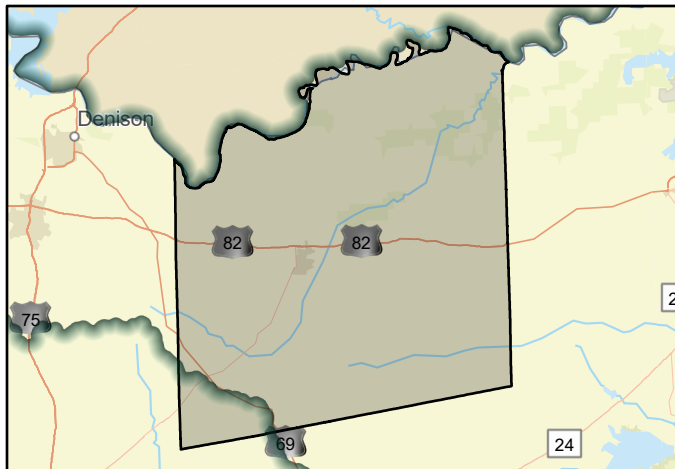
Population removed from 100-yr	-99,999	# of structures removed from 100-yr	-99,999
Critical facilities removed from 100-yr	-99,999	Farm/Ranch land removed from 100-yr (acres)	-99,999
Road removed from 100-yr (miles)	-99,999	Low water crossings removed from 100-yr	-99,999
Other benefits	None	Reduction in # of road closures over 10 years	-99,999

Impacts

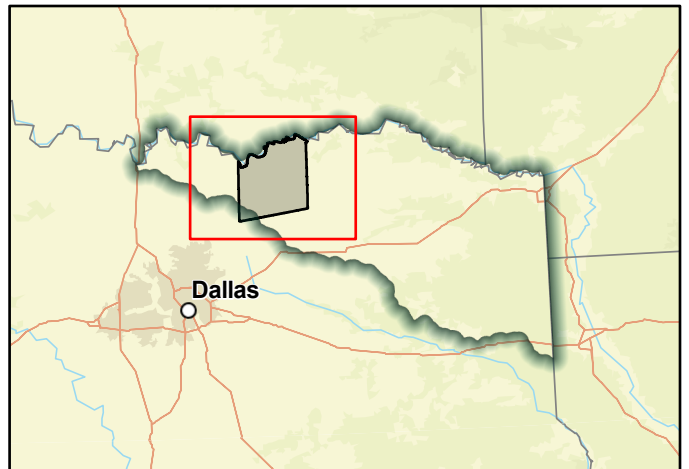
Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$75,000	Amount of available funding	\$-	% Nature-Based	0
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Fannin County NFIP Involvement**

ID# **022000017** Sponsor **Fannin County**

RFPG recommend? **Yes** Reason for Recommendation **Improves understanding of flood risk, reduces future risks, and makes flood insurance available**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adoption of equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **897**

County **Fannin**

Existing 100-Year Flood Risk

Population at risk **3,040** # of structures **1,077** Critical facilities **18**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **37,510** Roadway(s) impacted (miles) **170**

Number of low water crossings **26** Historical road closures **-99,999**

100-Year Flood Risk Reduction

Population removed from 100-yr **-99,999** # of structures removed from 100-yr **-99,999**

Critical facilities removed from 100-yr **-99,999** Farm/Ranch land removed from 100-yr (acres) **-99,999**

Road removed from 100-yr (miles) **-99,999** Low water crossings removed from 100-yr **-99,999**

Other benefits **None** Reduction in # of road closures over 10 years **-99,999**

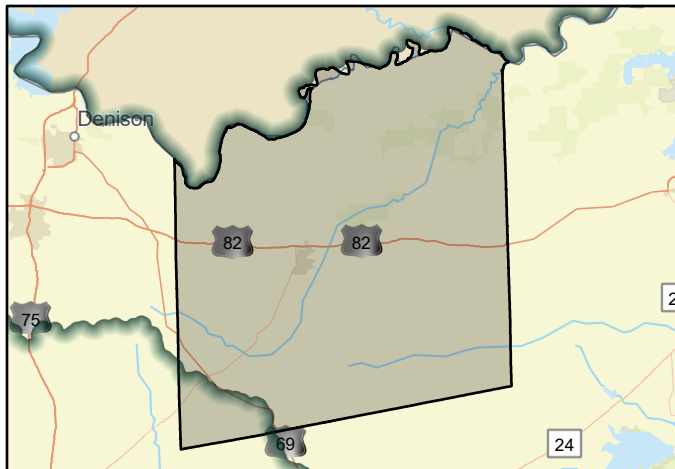
Impacts

Negative impacts? **No** Negative impacts description **No negative impact**

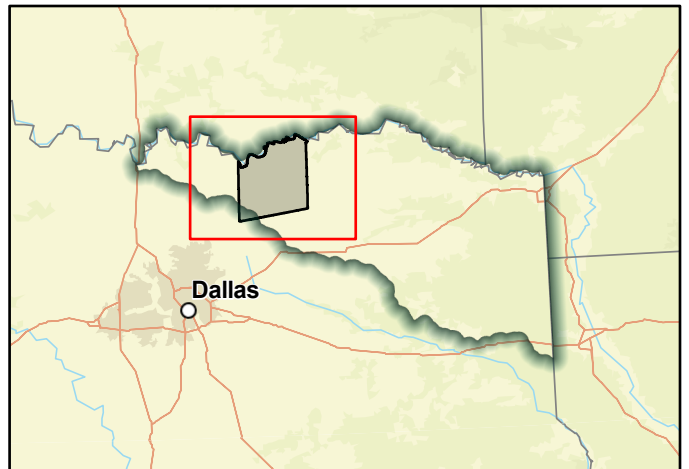
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

LOWER RED-SULPHUR-CYPRESS
**REGIONAL FLOOD
 PLANNING GROUP**
 REGION 2

Title **Flood Safety Awareness Education**

ID# **022000081** Sponsor **City of Denison**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Educate the public on flood safety**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **111302100402, 111302100504, 111302100505, 111401010106, 111401010104, 111401010201, 111401010202** Drainage area (mi², est.) **30**

County **Grayson**

Existing 100-Year Flood Risk

Population at risk **3,266** # of structures **355** Critical facilities **2**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **107** Roadway(s) impacted (miles) **29**

Number of low water crossings **2** Historical road closures **-99,999**

100-Year Flood Risk Reduction

Population removed from 100-yr **-99,999** # of structures removed from 100-yr **-99,999**

Critical facilities removed from 100-yr **-99,999** Farm/Ranch land removed from 100-yr (acres) **-99,999**

Road removed from 100-yr (miles) **-99,999** Low water crossings removed from 100-yr **-99,999**

Other benefits **None** Reduction in # of road closures over 10 years **-99,999**

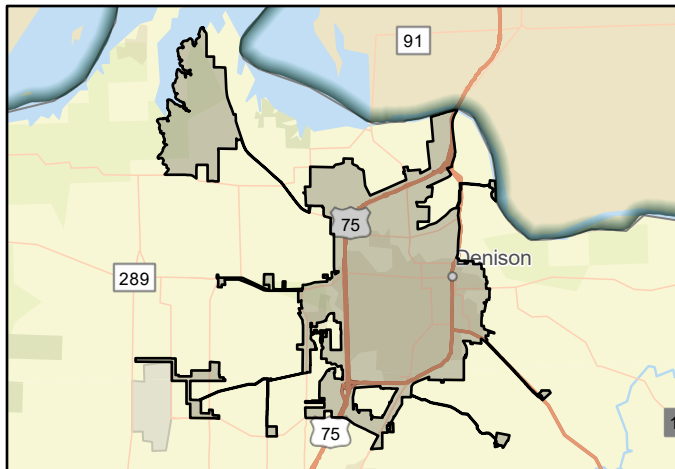
Impacts

Negative impacts? **No** Negative impacts description **No negative impact**

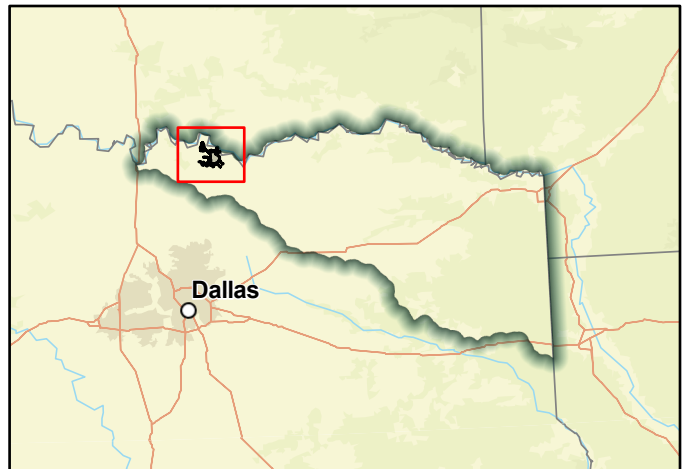
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title Franklin County NFIP Involvement

ID# 022000018 Sponsor Franklin County

RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adoption of equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	294
Watershed HUC# (if known)		County	Franklin

Existing 100-Year Flood Risk

Population at risk	2,507	# of structures	455	Critical facilities	1
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	1,573	Roadway(s) impacted (miles)	39		
Number of low water crossings	5	Historical road closures	-99,999		

100-Year Flood Risk Reduction

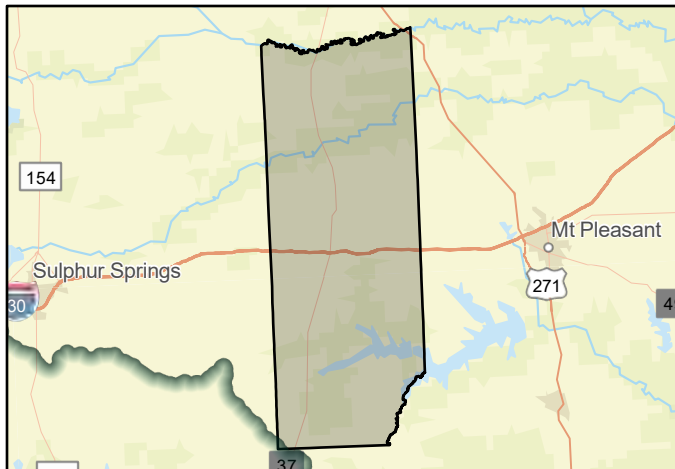
Population removed from 100-yr	-99,999	# of structures removed from 100-yr	-99,999
Critical facilities removed from 100-yr	-99,999	Farm/Ranch land removed from 100-yr (acres)	-99,999
Road removed from 100-yr (miles)	-99,999	Low water crossings removed from 100-yr	-99,999
Other benefits	None	Reduction in # of road closures over 10 years	-99,999

Impacts

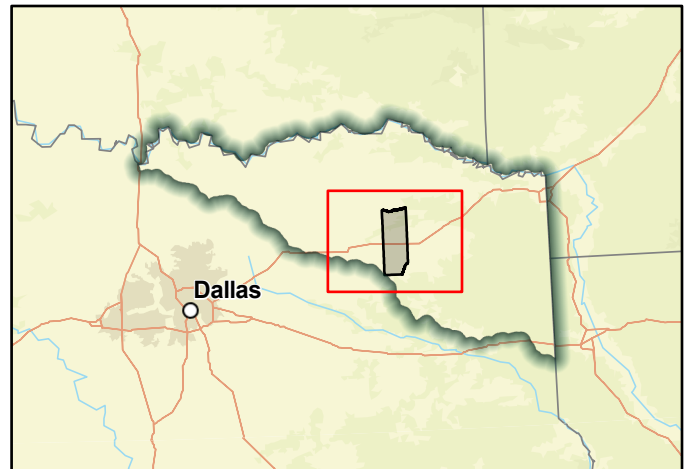
Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-	% Nature-Based	0
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Grayson County Flood Warning and Public Safety Improvements**

ID# **022000070** Sponsor **Grayson County**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Create an improved gauge notification system. Increase public awareness before occurrences and during flooding.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **977**

County **Grayson**

Existing 100-Year Flood Risk

Population at risk **12,470** # of structures **2,569** Critical facilities **23**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **10,335** Roadway(s) impacted (miles) **181**

Number of low water crossings **8** Historical road closures **-99,999**

100-Year Flood Risk Reduction

Population removed from 100-yr **-99,999** # of structures removed from 100-yr **-99,999**

Critical facilities removed from 100-yr **-99,999** Farm/Ranch land removed from 100-yr (acres) **-99,999**

Road removed from 100-yr (miles) **-99,999** Low water crossings removed from 100-yr **-99,999**

Other benefits **None** Reduction in # of road closures over 10 years **-99,999**

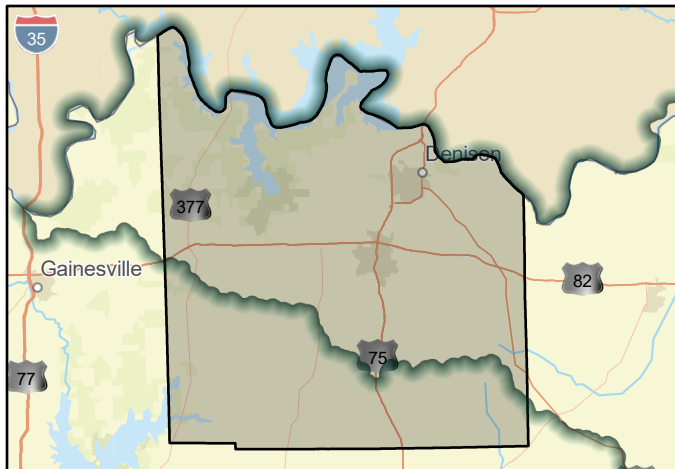
Impacts

Negative impacts? **No** Negative impacts description **No negative impact**

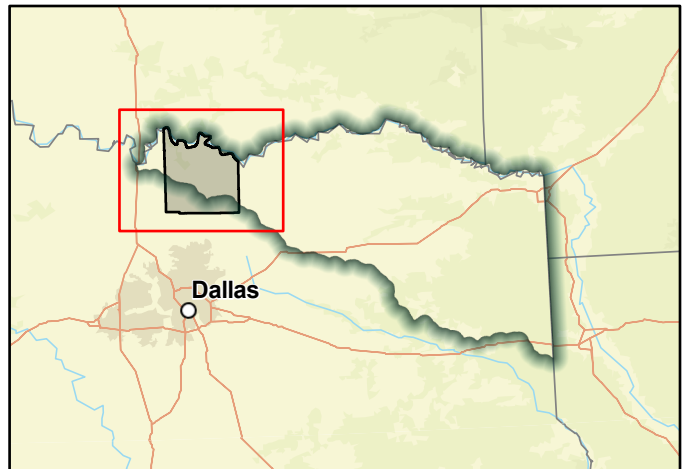
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$250,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

LOWER RED-SULPHUR-CYPRESS
**REGIONAL FLOOD
 PLANNING GROUP**
 REGION 2

Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known)

Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

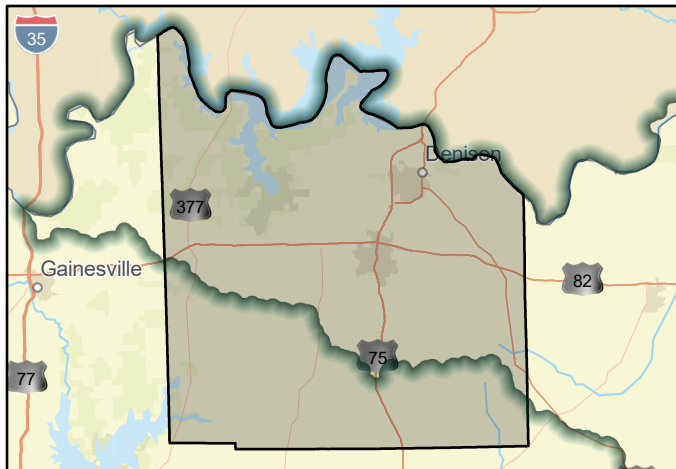
Impacts

Negative impacts? No Negative impacts description

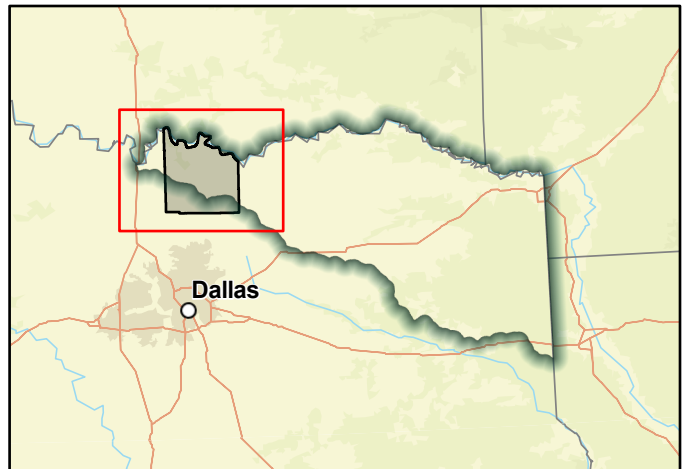
Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

LOWER RED-SULPHUR-CYPRESS
**REGIONAL FLOOD
 PLANNING GROUP**
 REGION 2

Title Harrison County NFIP Involvement

ID# 022000021 Sponsor Harrison County

RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available

Strategy Details

Strategy type Regulatory and Guidance

Strategy description Application to join NFIP or adoption of equivalent standards

Associated FME's - Associated FMP's -

Associated FMS's -

Watershed HUC# (if known) Drainage area (mi², est.) 912

County Harrison

Existing 100-Year Flood Risk

Population at risk 2,056 # of structures 898 Critical facilities 6

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 255 Roadway(s) impacted (miles) 97

Number of low water crossings 5 Historical road closures -99,999

100-Year Flood Risk Reduction

Population removed from 100-yr -99,999 # of structures removed from 100-yr -99,999

Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999

Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999

Other benefits None Reduction in # of road closures over 10 years -99,999

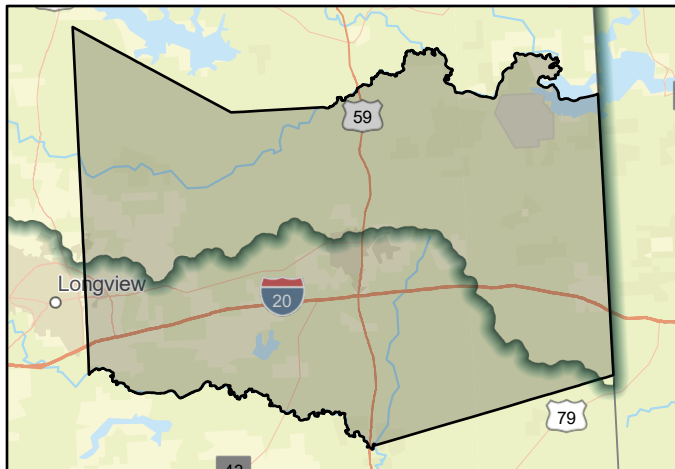
Impacts

Negative impacts? No Negative impacts description No negative impact

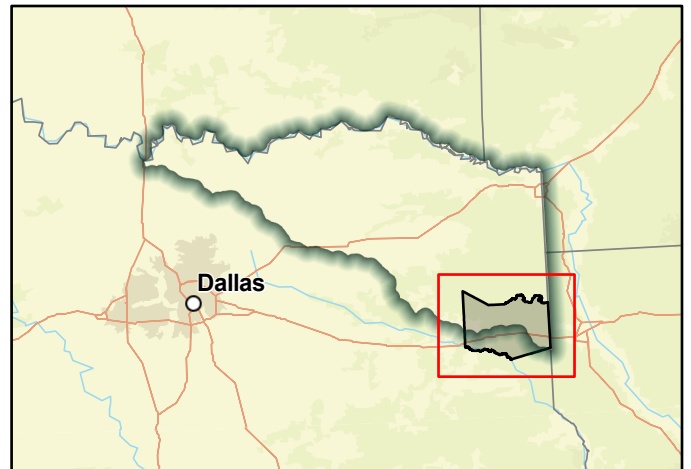
Water supply contributions? No Water supply contribution description -

Estimated Cost

Strategy Cost \$100,000 Amount of available funding \$- % Nature-Based 0



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Hopkins County NFIP Involvement**

ID# **022000022** Sponsor **Hopkins County**

RFPG recommend? **Yes** Reason for Recommendation **Improves understanding of flood risk, reduces future risks, and makes flood insurance available**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adoption of equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **791**

County **Hopkins**

Existing 100-Year Flood Risk

Population at risk **5,081** # of structures **702** Critical facilities **5**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **8,635** Roadway(s) impacted (miles) **148**

Number of low water crossings **3** Historical road closures **-99,999**

100-Year Flood Risk Reduction

Population removed from 100-yr **-99,999** # of structures removed from 100-yr **-99,999**

Critical facilities removed from 100-yr **-99,999** Farm/Ranch land removed from 100-yr (acres) **-99,999**

Road removed from 100-yr (miles) **-99,999** Low water crossings removed from 100-yr **-99,999**

Other benefits **None** Reduction in # of road closures over 10 years **-99,999**

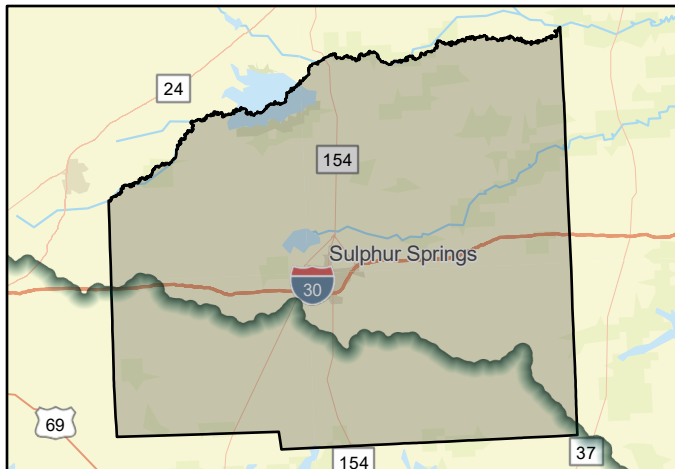
Impacts

Negative impacts? **No** Negative impacts description **No negative impact**

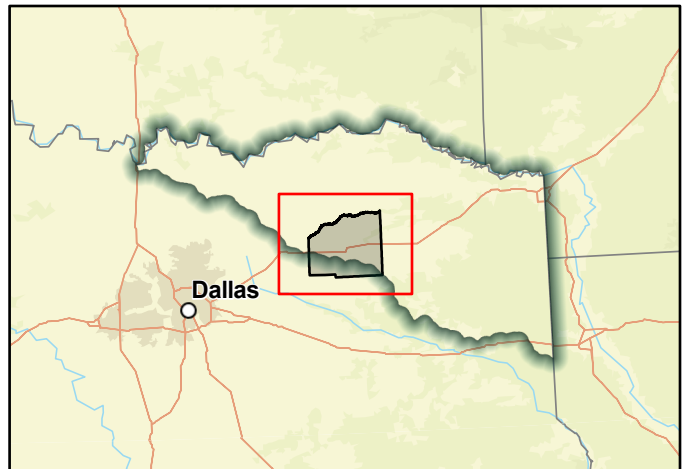
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Lamar County NFIP Involvement**

ID# **022000024** Sponsor **Lamar County**

RFPG recommend? **Yes** Reason for Recommendation **Improves understanding of flood risk, reduces future risks, and makes flood insurance available**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adoption of equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	932
Watershed HUC# (if known)		County	Lamar

Existing 100-Year Flood Risk

Population at risk	5,441	# of structures	1,644	Critical facilities	33
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	42,831	Roadway(s) impacted (miles)	222		
Number of low water crossings	15	Historical road closures	-99,999		

100-Year Flood Risk Reduction

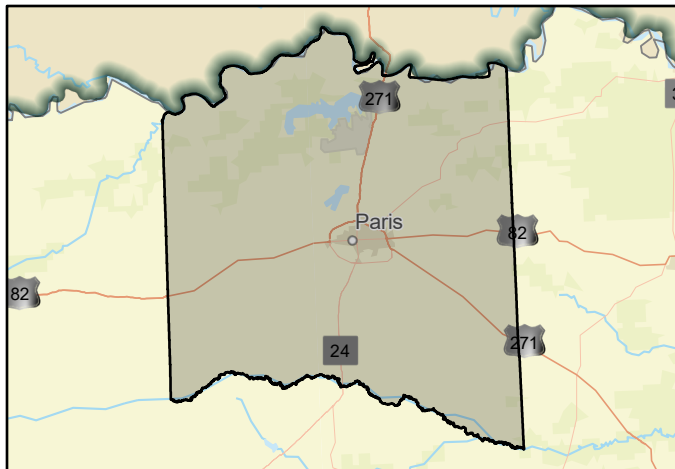
Population removed from 100-yr	-99,999	# of structures removed from 100-yr	-99,999
Critical facilities removed from 100-yr	-99,999	Farm/Ranch land removed from 100-yr (acres)	-99,999
Road removed from 100-yr (miles)	-99,999	Low water crossings removed from 100-yr	-99,999
Other benefits	None	Reduction in # of road closures over 10 years	-99,999

Impacts

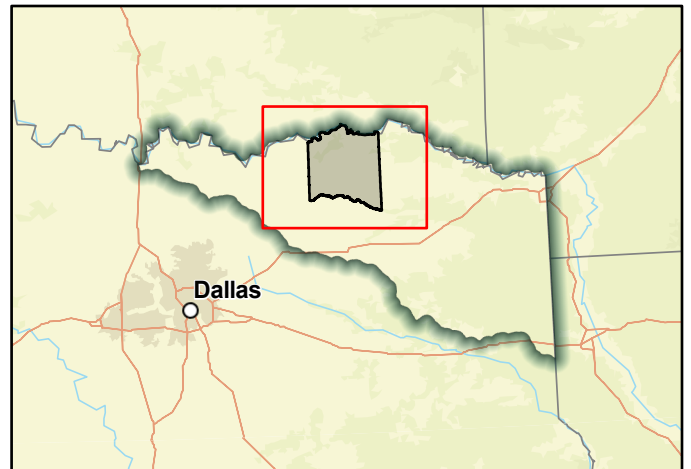
Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-	% Nature-Based	0
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Marion County NFIP Involvement**

ID# **022000025** Sponsor **Marion County**

RFPG recommend? **Yes** Reason for Recommendation **Improves understanding of flood risk, reduces future risks, and makes flood insurance available**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adoption of equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	419
Watershed HUC# (if known)		County	Marion

Existing 100-Year Flood Risk

Population at risk	452	# of structures	313	Critical facilities	4
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	137	Roadway(s) impacted (miles)	48		
Number of low water crossings	1	Historical road closures	-99,999		

100-Year Flood Risk Reduction

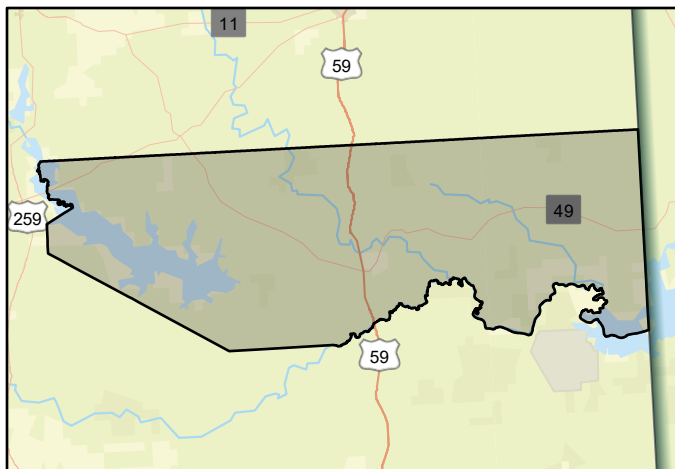
Population removed from 100-yr	-99,999	# of structures removed from 100-yr	-99,999
Critical facilities removed from 100-yr	-99,999	Farm/Ranch land removed from 100-yr (acres)	-99,999
Road removed from 100-yr (miles)	-99,999	Low water crossings removed from 100-yr	-99,999
Other benefits	None	Reduction in # of road closures over 10 years	-99,999

Impacts

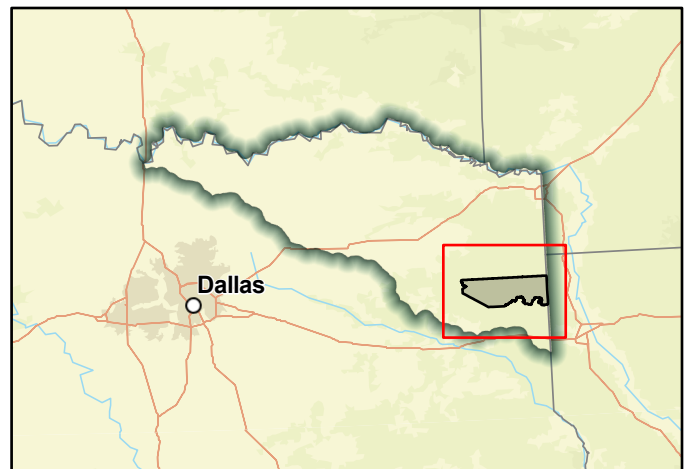
Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-	% Nature-Based	0
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Morris County NFIP Involvement**

ID# **022000026** Sponsor **Morris County**

RFPG recommend? **Yes** Reason for Recommendation **Improves understanding of flood risk, reduces future risks, and makes flood insurance available**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adoption of equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **111403030207,111403030208,111403050310,111403050305,1114030503** Drainage area (mi², est.) **257**

County **Morris**

Existing 100-Year Flood Risk

Population at risk **419** # of structures **234** Critical facilities **6**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **395** Roadway(s) impacted (miles) **38**

Number of low water crossings **2** Historical road closures **-99,999**

100-Year Flood Risk Reduction

Population removed from 100-yr **-99,999** # of structures removed from 100-yr **-99,999**

Critical facilities removed from 100-yr **-99,999** Farm/Ranch land removed from 100-yr (acres) **-99,999**

Road removed from 100-yr (miles) **-99,999** Low water crossings removed from 100-yr **-99,999**

Other benefits **None** Reduction in # of road closures over 10 years **-99,999**

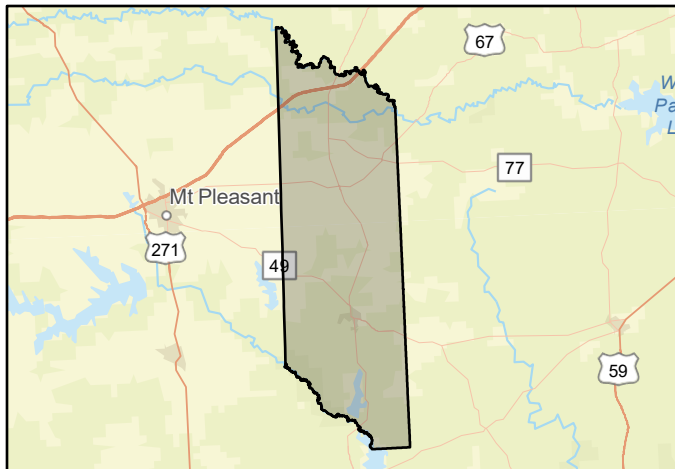
Impacts

Negative impacts? **No** Negative impacts description **No negative impact**

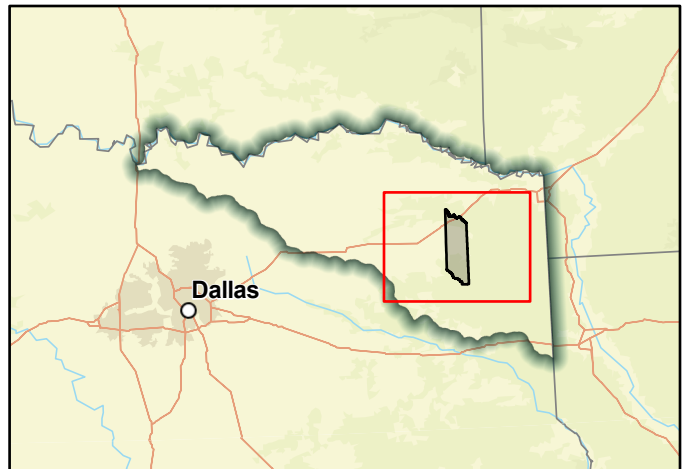
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

**LOWER RED-SULPHUR-CYPRESS
REGIONAL FLOOD
PLANNING GROUP
REGION 2**

Title **Public NFIP Education**

ID# **022000082** Sponsor **Ark - Tex Council of Governments**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Educate the public on the NFIP program and the importance of purchasing flood insurance**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **9,160**

County **Bowie, Camp, Cass,**

Existing 100-Year Flood Risk

Population at risk **51,360** # of structures **13,438** Critical facilities **159**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **180,986** Roadway(s) impacted (miles) **1,924**

Number of low water crossings **116** Historical road closures **-99,999**

100-Year Flood Risk Reduction

Population removed from 100-yr **-99,999** # of structures removed from 100-yr **-99,999**

Critical facilities removed from 100-yr **-99,999** Farm/Ranch land removed from 100-yr (acres) **-99,999**

Road removed from 100-yr (miles) **-99,999** Low water crossings removed from 100-yr **-99,999**

Other benefits **None** Reduction in # of road closures over 10 years **-99,999**

Impacts

Negative impacts? **No** Negative impacts description **No negative impact**

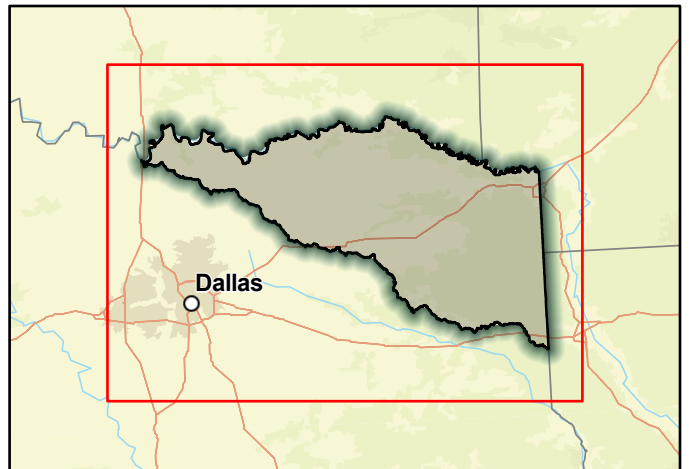
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Red River County NFIP Involvement**

ID# **022000027** Sponsor **Red River County**

RFPG recommend? **Yes** Reason for Recommendation **Improves understanding of flood risk, reduces future risks, and makes flood insurance available**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adoption of equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1,055
Watershed HUC# (if known)		County	Red River

Existing 100-Year Flood Risk

Population at risk	374	# of structures	391	Critical facilities	5
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	24,045	Roadway(s) impacted (miles)	157		
Number of low water crossings	16	Historical road closures	-99,999		

100-Year Flood Risk Reduction

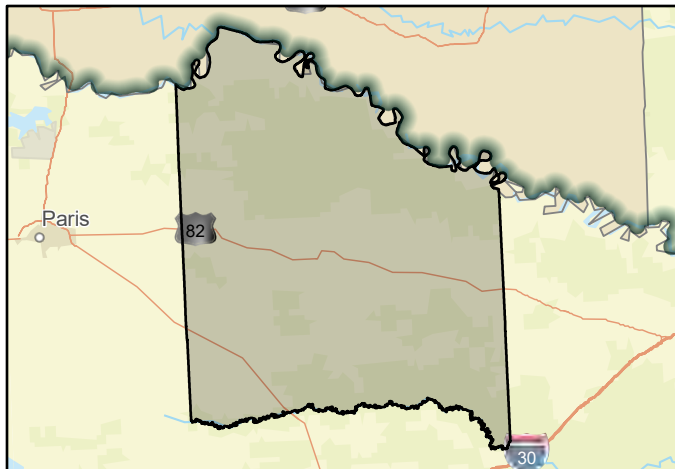
Population removed from 100-yr	-99,999	# of structures removed from 100-yr	-99,999
Critical facilities removed from 100-yr	-99,999	Farm/Ranch land removed from 100-yr (acres)	-99,999
Road removed from 100-yr (miles)	-99,999	Low water crossings removed from 100-yr	-99,999
Other benefits	None	Reduction in # of road closures over 10 years	-99,999

Impacts

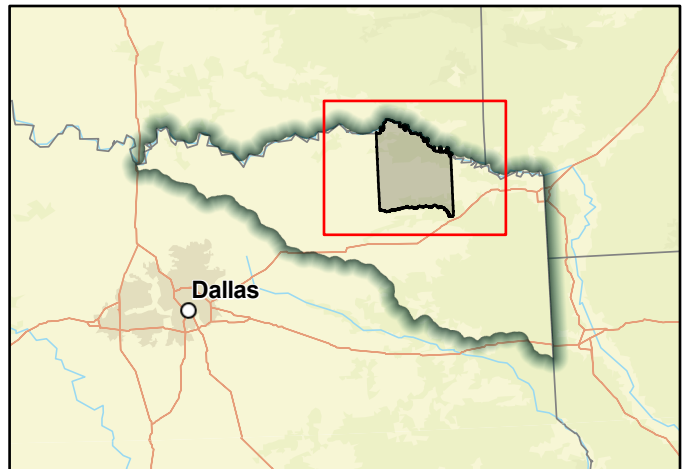
Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-	% Nature-Based	0
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

LOWER RED-SULPHUR-CYPRESS
**REGIONAL FLOOD
 PLANNING GROUP**
 REGION 2

Title **Regional Flood Warning System Study**

ID# **022000084** Sponsor **Ark - Tex Council of Governments**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Evaluate the potential for future flood warning systems in the region**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **9,160**

County **Bowie, Camp, Cass,**

Existing 100-Year Flood Risk

Population at risk **51,360** # of structures **13,438** Critical facilities **159**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **180,986** Roadway(s) impacted (miles) **1,924**

Number of low water crossings **116** Historical road closures **-99,999**

100-Year Flood Risk Reduction

Population removed from 100-yr **-99,999** # of structures removed from 100-yr **-99,999**

Critical facilities removed from 100-yr **-99,999** Farm/Ranch land removed from 100-yr (acres) **-99,999**

Road removed from 100-yr (miles) **-99,999** Low water crossings removed from 100-yr **-99,999**

Other benefits **None** Reduction in # of road closures over 10 years **-99,999**

Impacts

Negative impacts? **No** Negative impacts description **No negative impact**

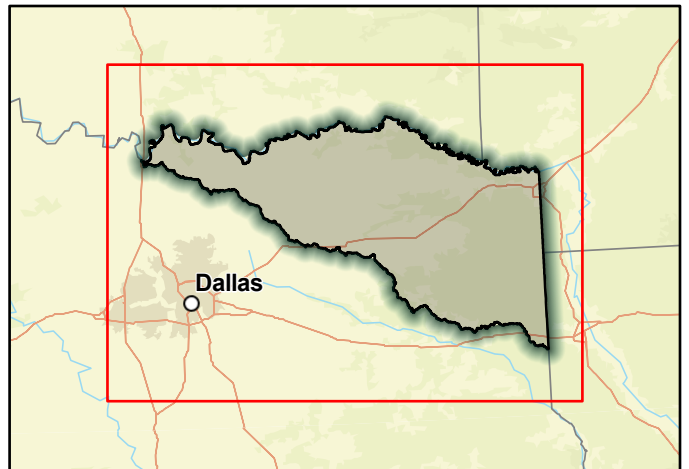
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$250,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

LOWER RED-SULPHUR-CYPRESS
**REGIONAL FLOOD
 PLANNING GROUP**
 REGION 2

Title **Titus County NFIP Involvement**

ID# **022000028** Sponsor **Titus County**

RFPG recommend? **Yes** Reason for Recommendation **Improves understanding of flood risk, reduces future risks, and makes flood insurance available**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adoption of equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **425**

County **Titus**

Existing 100-Year Flood Risk

Population at risk **2,890** # of structures **596** Critical facilities **8**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **1,570** Roadway(s) impacted (miles) **87**

Number of low water crossings **9** Historical road closures **-99,999**

100-Year Flood Risk Reduction

Population removed from 100-yr **-99,999** # of structures removed from 100-yr **-99,999**

Critical facilities removed from 100-yr **-99,999** Farm/Ranch land removed from 100-yr (acres) **-99,999**

Road removed from 100-yr (miles) **-99,999** Low water crossings removed from 100-yr **-99,999**

Other benefits **None** Reduction in # of road closures over 10 years **-99,999**

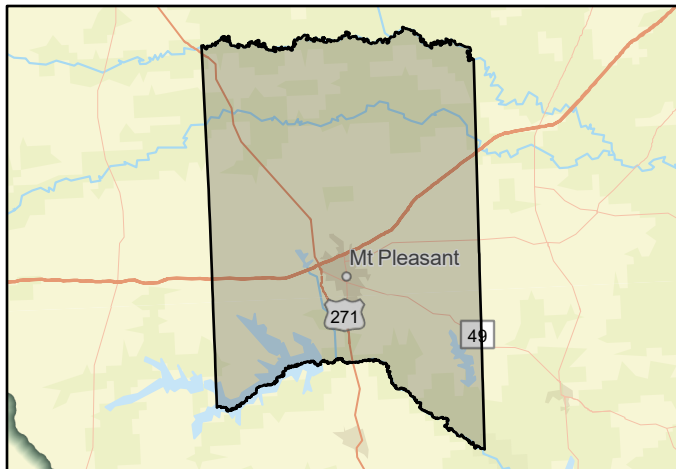
Impacts

Negative impacts? **No** Negative impacts description **No negative impact**

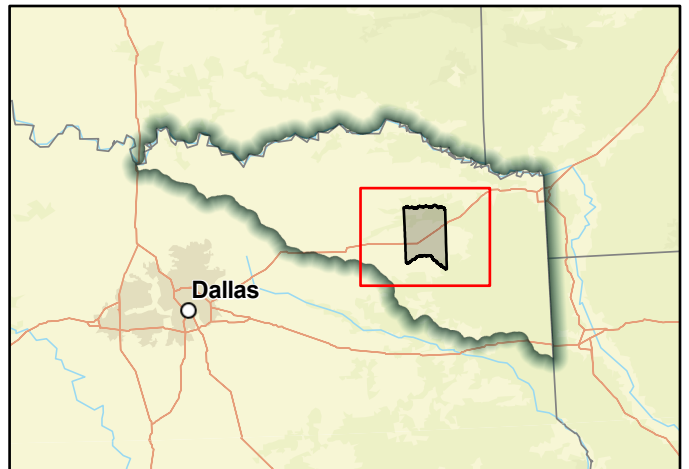
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

LOWER RED-SULPHUR-CYPRESS
**REGIONAL FLOOD
 PLANNING GROUP**
 REGION 2

Title **Turn Around/Don't Drown**

ID# **022000080** Sponsor **Ark - Tex Council of Governments**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Educate the public on the Turn-Around/Don't Drown program**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **9,160**

County **Bowie, Camp, Cass,**

Existing 100-Year Flood Risk

Population at risk **51,360** # of structures **13,438** Critical facilities **159**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **180,986** Roadway(s) impacted (miles) **1,924**

Number of low water crossings **116** Historical road closures **-99,999**

100-Year Flood Risk Reduction

Population removed from 100-yr **-99,999** # of structures removed from 100-yr **-99,999**

Critical facilities removed from 100-yr **-99,999** Farm/Ranch land removed from 100-yr (acres) **-99,999**

Road removed from 100-yr (miles) **-99,999** Low water crossings removed from 100-yr **-99,999**

Other benefits **None** Reduction in # of road closures over 10 years **-99,999**

Impacts

Negative impacts? **No** Negative impacts description **No negative impact**

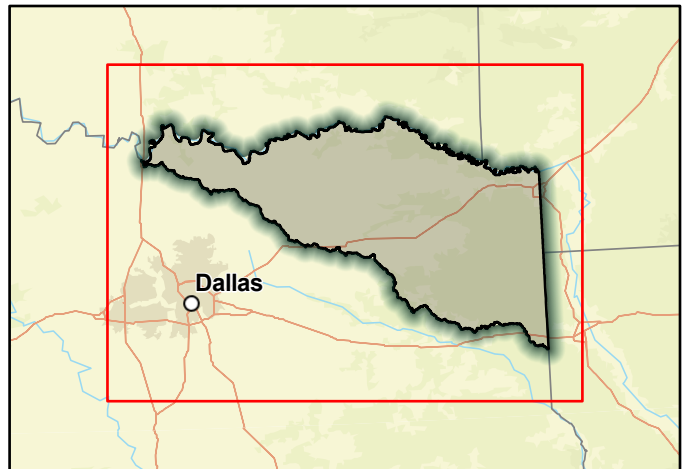
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Upshur County NFIP**

ID# **022000079** Sponsor **Upshur County**

RFPG recommend? **Yes** Reason for Recommendation **Reduces Flood Risk**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **The County Hazard Mitigation Officer will assist those cities within the county that are not participating in NFIP to take appropriate actions to qualify for and maintain participation in NFIP to have 100% participation within the county**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **590**

County **Upshur**

Existing 100-Year Flood Risk

Population at risk **2,262** # of structures **425** Critical facilities **10**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **612** Roadway(s) impacted (miles) **91**

Number of low water crossings **3** Historical road closures **-99,999**

100-Year Flood Risk Reduction

Population removed from 100-yr **-99,999** # of structures removed from 100-yr **-99,999**

Critical facilities removed from 100-yr **-99,999** Farm/Ranch land removed from 100-yr (acres) **-99,999**

Road removed from 100-yr (miles) **-99,999** Low water crossings removed from 100-yr **-99,999**

Other benefits **None** Reduction in # of road closures over 10 years **-99,999**

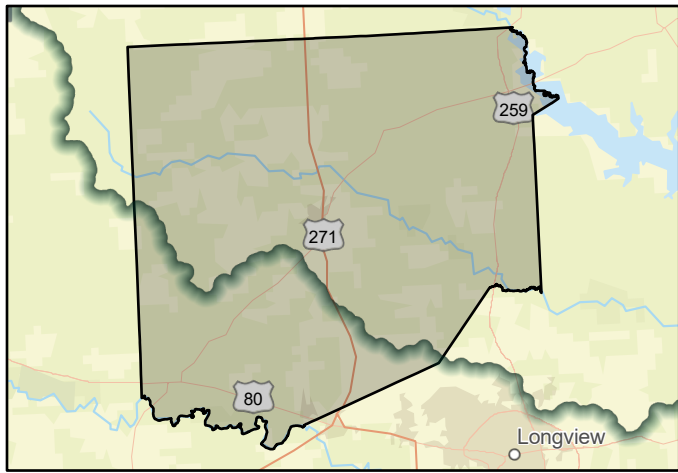
Impacts

Negative impacts? **No** Negative impacts description **No negative impact**

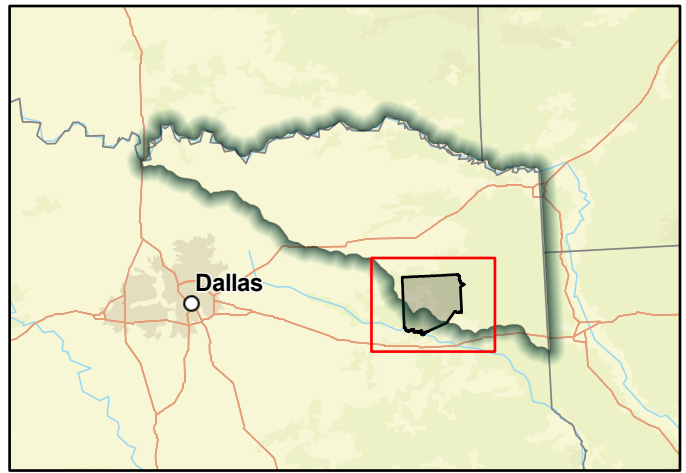
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area